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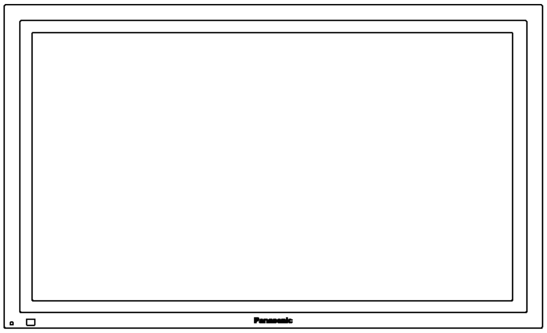
Service Manual

Progressive Wide Plasma Display



TH-37PWD8BK
TH-37PWD8BS
TH-37PWD8EK
TH-37PWD8ES
TH-37PWD8GK
TH-37PWD8GS
TH-37PWD8UK
TH-42PWD8BK
TH-42PWD8BS
TH-42PWD8EK
TH-42PWD8ES
TH-42PWD8GK
TH-42PWD8GS
TH-42PWD8UK

GP8D Chassis

Specifications

Power Source (UK, GK/S)	120 V AC, 50/60 Hz (GK/GS/UK)	
Power Source (EK/S, BK/S)	220-240 V AC, 50/60 Hz (EK/ES/BK/BS)	
Power Consumption (UK, GK/S)		
Maximum	225 W (37PWD8GK/GS/UK)	275 W (42PWD8GK/GS/UK)
Stand-by condition	Save OFF 1.0 W, Save ON 0.7 W (GK/GS/UK)	
Power off condition	0.05 W (GK/GS/UK)	
Power Consumption (EK/S, BK/S)		
Normal use	215 W (37PWD8EK/ES/BK/BS)	240 W (42PWD8EK/ES/BK/BS)
Stand-by condition	Save off 1.2 W, Save on 0.9 W (EK/ES/BK/BS)	
Power off condition	0.1 W (EK/ES/BK/BS)	

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Plasma Display panel	Drive method: AC type 37-inch	Drive method: AC type 42-inch
	16:9 aspect ratio (37 inch)	16:9 aspect ratio (42 inch)
Contrast Ratio	4000:1	
Screen size	32” 13/64 (818 mm) (W) × 18” 9/64 (461 mm) (H) × 36” 31/32 (939 mm) (diagonal) (37 inch)	
	36” 7/32 (920 mm) (W) × 20” 25/64 (518 mm) (H) × 41” 37/64 (1,056 mm) (diagonal) (42 inch)	
(No. of pixels)	408,960 (852 (W) × 480 (H))	
	[2,556 × 480 dots]	
Operating condition		
Temperatuer	32 °F - 104 °F (0 °C - 40 °C)	
Humidity	20 % - 80 %	
Applicable signals		
Color System	NTSC, PAL, PAL60, SECAM, Modified NTSC	
Scanning format	525 (480) / 60i • 60p, 625 (575) / 50i • 50p, 750 (720) / 60p • 50p, 1125 (1080) / 60i • 50i • 24p • 25p • 30p • 24sF .... SMPTE274M, 1250 (1080) / 50i	
PC signals	VGA display	
	VGA	
	SVGA, XGA, SXGA, UXGA ..... (compressed)	
	Horizontal scanning frequency 15 - 110 kHz	
	Vertical scanning frequency 48 - 120 Hz	
Connection terminals		
AV (EK/S, BK, S, UK)	VIDEO IN / OUT (BNC)	1.0 Vp-p (75-ohm or high impedance)
	S VIDEO IN (MINI DIN 4PIN)	Y: 1 Vp-p (75-ohm), C: 0.286 Vp-p (75-ohm)
	AUDIO IN (RCA PIN JACK ×2)	0.5 Vrms (high impedance)
COMPONENT / RGB (UK)	Y / G (BNC)	1.0 Vp-p / composite (75-ohm)
		0.7 Vp-p / non-composite (75-ohm)
	P_B / B (BNC), P_R / R (BNC)	0.7 Vp-p (75-ohm)
	AUDIO IN (RCA PIN JACK × 2)	0.5 Vrms (high impedance)
PC (GK/GS/UK)	(HIGH-DENSITY D-SUB 15PIN)	R, G, B / 0.7 Vp-p (75-ohm)
		Component
		Y:1.0 Vp-p (75-ohm : include sync)
		P_B / C_B:±0.7 Vp-p (75-ohm)
		P_R / C_R:±0.7 Vp-p (75-ohm)
		HD, VD / 1.0 - 5.0 Vp-p (high impedance)
	AUDIO IN (M3 JACK)	0.5 Vrms (high impedance)
PC (EK/ES/BK/BS)	(HIGH-DENSITY D-SUB 15PIN)	R, G, B / 0.7 Vp-p (75-ohm)
		HD, VD / 1.0 - 5.0 Vp-p (high impedance)
	AUDIO IN (M3 JACK)	0.5 Vrms (high impedance)
SERIAL	EXTERNAL CONTROL TERMINAL (D-SUB 9PIN)	RS-232C COMPATIBLE
SPEAKERS (6 Ω)	16 W [8 W + 8 W] (10 % THD)	
Accessories Supplied		
Remote Control Transmitter	EUR7636070R	
Batteries	2 × AA Size	
Fixing bands	(TMME203 or TMME187) × 2	
Dimensions (W × H × D)	36.2” (920 mm) × 21.7” (550 mm) × 3.5” (89 mm)	40.2” (1,020 mm) × 24” (610 mm) × 3.5” (89 mm)
	(exclusive of protruding portion) (37 inch)	(exclusive of protruding portion) (42 inch)
Mass (Weight) (UK)		
main unit only	approx. 55.1 lbs (37PWD8UK)	approx. 65.0 lbs (42PWD8UK)
with speakers	approx. 63.9 lbs (37PWD8UK)	approx. 73.9 lbs (42PWD8UK)
Mass (Weight) (GK/GS)		
main unit only	approx. 54.0 lbs (37PWD8GK/GS)	approx. 63.9 lbs (42PWD8GK/GS)
with speakers	approx. 62.8 lbs (37PWD8GK/GS)	approx. 72.8 lbs (42PWD8GK/GS)
Mass (Weight) (EK/S, BK/S)		
main unit only	approx. 25.0 kg net (37PWD8EK/ES/BK/BS)	approx. 29.5 kg net (42PWD8EK/ES/BK/BS)
with speakers	approx. 29.0 kg (37PWD8EK/ES/BK/BS)	approx. 33.5 kg (42PWD8EK/ES/BK/BS)

Notes:

- Design and specifications are subject to change without notice. Mass and dimensions shown are approximate.
- This equipment complies with the EMC standards listed below. EN55022, EN55024, EN61000-3-2, EN61000-3-3.

⚠ WARNING

This service information is designed for experienced repair technicians only and is not designed for use by the general public. It does not contain warnings or cautions to advise non-technical individuals of potential dangers in attempting to service a product. Products powered by electricity should be serviced or repaired only by experienced professional technicians. Any attempt to service or repair the product or products dealt with in this service information by anyone else could result in serious injury or death.

CONTENTS

Page

1 Applicable signals **5**
2 Safety Precautions **6**
  2.1. General Guidelines 6
3 Prevention of Electro Static Discharge (ESD) to Electrostatically Sensitive (ES) Devices **7**
4 About lead free solder (PbF) **8**
5 PCB Structure sheet of GP8D chassis **9**
6 Service Hint **10**
7 P.C.Board and Plasma panel replacement **11**
  7.1. Removal of the back cover 11
  7.2. Removal of the Slot block 11
  7.3. Removal of the J-Board 11
  7.4. Removal of the HX-Board 11
  7.5. Removal of the P-Board 12
  7.6. Removal of the D-Board 12
  7.7. Removal of the AC-Inlet 12
  7.8. Removal of the H3-Board 12
  7.9. Removal of the S1-Board 13
  7.10. Removal of the SU-Board 13
  7.11. Removal of the SD-Board 13
  7.12. Removal of the SC-Board 14
  7.13. Removal of the SS-Board 14
  7.14. Removal of the C1-Board 14
  7.15. Removal of the C2-Board 15
  7.16. Removal of the Front frame (glass) 15
  7.17. Removal of the V1-Board and the V2-Board 15
  7.18. Removal of stand brackets 16
  7.19. Replacement of the plasma panel 16
8 Location of Lead Wiring **17**
  8.1. Wiring for 37 inch model 17
  8.2. Wiring for 42 inch model 18
9 Adjustment Procedure **19**
  9.1. Driver Set-up 19
  9.2. Initialization Pulse Adjust 20
  9.3. P.C.B. (Printed Circuit Board) exchange 21
  9.4. Adjustment Volume Location 21
  9.5. Test Point Location 21
10 Service mode **22**
  10.1. CAT (computer Aided Test) mode 22
  10.2. IIC mode structure (following items value is sample data.) 24

Page

11 Alignment **25**
  11.1. PC/RGB panel white balance 25
  11.2. HD/ 525ip /625ip panel white balance 27
12 Trouble shooting guide **29**
  12.1. Self Check 29
  12.2. No Power 30
  12.3. No Picture 30
  12.4. Local screen failure 31
13 Option Setting **32**
14 Circuit Board Layout **35**
  14.1. P-Board 35
  14.2. HA-Board 38
  14.3. HB-Board 39
  14.4. HX-Board (37 inch) 40
  14.5. HX-Board (42 inch) 41
  14.6. J-Board (37 inch) 42
  14.7. J-Board (42 inch) 44
  14.8. D-Board 46
  14.9. C1-Board (37 inch) 48
  14.10. C1-Board (42 inch) 49
  14.11. C2-Board (37 inch) 50
  14.12. C2-Board (42 inch) 51
  14.13. SC-Board 52
  14.14. SU-Board (37 inch) 55
  14.15. SU-Board (42 inch) 56
  14.16. SD-Board (37 inch) 57
  14.17. SD-Board (42 inch) 58
  14.18. SS-Board 59
  14.19. H3, S1, V1 and V2-Board 61
15 Block and Schematic Diagrams **63**
  15.1. Schematic Diagram Notes 63
  15.2. Main Block Diagram 64
  15.3. P-Board Block Diagram 65
  15.4. P-Board (1 of 6) Schematic Diagram 66
  15.5. P-Board (2 of 6) Schematic Diagram 67
  15.6. P-Board (3 of 6) Schematic Diagram 68
  15.7. P-Board (4 of 6) Schematic Diagram 69
  15.8. P-Board (5 of 6) Schematic Diagram 70
  15.9. P-Board (6 of 6) Schematic Diagram 71
  15.10. HA-Board Block and Schematic Diagram 72
  15.11. HB-Board Block Diagram 73

15.12. HB-Board (1 of 2) Schematic Diagram 74
15.13. HB-Board (2 of 2) Schematic Diagram 75
15.14. HX-Board Block Diagram 76
15.15. HX-Board Schematic Diagram 77
15.16. S1, V1 and V2-Board Block Diagram and Schematic Diagram 78
15.17. J-Board (1 of 2) and H3-Board Block Diagram 79
15.18. J-Board (2 of 2) Block Diagram 80
15.19. J-Board (1 of 4) Schematic Diagram (37 inch) 81
15.20. J-Board (2 of 4) Schematic Diagram (37 inch) 82
15.21. J-Board (3 of 4) Schematic Diagram (37 inch) 83
15.22. J-Board (4 of 4) Schematic Diagram (37 inch) 84
15.23. J-Board (1 of 4) Schematic Diagram (42 inch) 85
15.24. J-Board (2 of 4) Schematic Diagram (42 inch) 86
15.25. J-Board (3 of 4) Schematic Diagram (42 inch) 87
15.26. J-Board (4 of 4) Schematic Diagram (42 inch) 88
15.27. D-Board Block Diagram 89
15.28. D-Board (1 of 12) Schematic Diagram 90
15.29. D-Board (2 of 12) Schematic Diagram 91
15.30. D-Board (3 of 12) Schematic Diagram 92
15.31. D-Board (4 of 12) Schematic Diagram 93
15.32. D-Board (5 of 12) Schematic Diagram 94
15.33. D-Board (6 of 12) Schematic Diagram 95
15.34. D-Board (7 of 12) Schematic Diagram 96
15.35. D-Board (8 of 12) Schematic Diagram 97
15.36. D-Board (9 of 12) Schematic Diagram 98
15.37. D-Board (10 of 12) Schematic Diagram 99
15.38. D-Board (11 of 12) Schematic Diagram 100
15.39. D-Board (12 of 12) Schematic Diagram 101
15.40. C1 and C2-Board Block Diagram 102
15.41. C1-Board (1 of 2) Schematic Diagram (37 inch) 103
15.42. C1-Board (2 of 2) Schematic Diagram (37 inch) 104
15.43. C1-Board (1 of 2) Schematic Diagram (42 inch) 105
15.44. C1-Board (2 of 2) Schematic Diagram (42 inch) 106
15.45. C2-Board (1 of 2) Schematic Diagram (37 inch) 107
15.46. C2-Board (2 of 2) Schematic Diagram (37 inch) 108
15.47. C2-Board (1 of 2) Schematic Diagram (42 inch) 109
15.48. C2-Board (2 of 2) Schematic Diagram (42 inch) 110
15.49. SC-Board Block Diagram 111
15.50. SC-Board (1 of 2) Schematic Diagram 112
15.51. SC-Board (2 of 2) Schematic Diagram 113
15.52. SU-Board Block Diagram 114
15.53. SU-Board Schematic Diagram (37 inch) 115
15.54. SU-Board Schematic Diagram (42 inch) 116
15.55. SD-Board Block Diagram 117
15.56. SD-Board Schematic Diagram (37 inch) 118
15.57. SD-Board Schematic Diagram (42 inch) 119
15.58. SS-Board Block Diagram 120
15.59. SS-Board Schematic Diagram 121

16 Parts Location 123

16.1. Parts Location (1) 123
16.2. Parts Location (2) 124

17 Packing Exploded Views 125

17.1. Packing Exploded Views (1) 125
17.2. Packing Exploded Views (2) 126
17.3. Packing Exploded Views (3) 127

18 Mechanical Replacement Parts List 128

19 Replacement Parts List 131

19.1. Replacement Parts List Notes 131
19.2. Electrical Replacement Parts List (37inch) 132
19.3. Electrical Replacement Parts List (42inch) 153

1 Applicable signals

VIDEO input

	Signal name	Horizontal frequency(kHz)	Vertical frequency(Hz)
1	NTSC	15.73	59.94
2	PAL	15.63	50.00
3	PAL60	15.73	59.94
4	SECAM	15.63	50.00
5	Modified NTSC	15.73	59.94

Applicable input signals for Component/D-sub (Component)/RGB/D-sub (RGB) (✻ Mark)

	Signal name	Horizontal frequency (kHz)	Vertical frequency (Hz)	COMPONENT/D-sub (Component)	RGB/D-sub (RGB)
1	525 (480) / 60i	15.73	59.94	✻	✻
2	525 (480) / 60p	31.47	59.94	✻	✻1
3	625 (575) / 50i	15.63	50.00	✻	✻
4	625 (575) / 50p	31.25	50.00	✻	✻
5	750 (720) / 60p	45.00	60.00	✻	✻
6	750 (720) / 50p	37.50	50.00	✻	✻
7	1,125 (1,080) / 60i	33.75	60.00	✻	✻
8	1,125 (1,080) / 50i	28.13	50.00	✻	✻
9	1,125 (1,080) / 24p	27.00	47.92	✻	✻
10	1,125 (1,080) / 24sF	33.75	30.00	✻	✻
11	1,125 (1,080) / 25p	28.13	25.00	✻	✻
12	1,125 (1,080) / 30p	27.00	24.00	✻	✻
13	1,250 (1,080) / 50i	31.25	50.00	✻	✻
14	640 × 400 @70 Hz	31.46	70.07		✻
15	640 × 480 @60 Hz	31.47	59.94		✻2
16	640 × 480 @72 Hz	37.86	72.81		✻
17	640 × 480 @75 Hz	37.50	75.00		✻
18	640 × 480 @85 Hz	43.27	85.01		✻
19	852 × 480 @60 Hz	31.47	59.94		✻2
20	800 × 600 @56 Hz	35.16	56.25		✻
21	800 × 600 @60 Hz	37.88	60.32		✻
22	800 × 600 @72 Hz	48.08	72.19		✻
23	800 × 600 @75 Hz	46.88	75.00		✻
24	800 × 600 @85 Hz	53.67	85.06		✻
25	1,024 × 768 @60 Hz	48.36	60.00		✻
26	1,024 × 768 @70 Hz	56.48	70.07		✻
27	1,024 × 768 @75 Hz	60.02	75.03		✻
28	1,024 × 768 @85 Hz	68.68	85.00		✻
29	1,152 × 864 @75 Hz	67.50	75.00		✻
30	1,280 × 960 @60 Hz	60.00	60.00		✻
31	1,280 × 960 @85 Hz	85.94	85.00		✻
32	1,280 × 1,024 @60 Hz	63.98	60.02		✻
33	1,280 × 1,024 @75 Hz	79.98	75.03		✻
34	1,280 × 1,024 @85 Hz	91.15	85.02		✻
35	1,600 × 1,200 @60 Hz	75.00	60.00		✻
36	1,600 × 1,200 @65 Hz	81.25	65.00		✻
37	1,066 × 600 @60 Hz	37.88	60.32		✻
38	1,366 × 768 @60 Hz	48.36	60.00		✻
39	Macintosh13” (640 × 480)	35.00	66.67		✻
40	Macintosh16” (832 × 624)	49.72	74.54		✻
41	Macintosh21” (1,152 × 870)	68.68	75.06		✻

✻1: When selected the RGB format and 525p signal input to the D–sub terminal, it is recognized as VGA 60Hz signal.

✻2: When inputted VGA 60Hz format signal from the other than D-sub terminal, it is recognized as 525p signal.

Note: Signals without above specification may not be displayed properly.

2 Safety Precautions

2.1. General Guidelines

1. When servicing, observe the original lead dress. If a short circuit is found, replace all parts which have been overheated or damaged by the short circuit.
2. After servicing, see to it that all the protective devices such as insulation barriers, insulation papers shields are properly installed.
3. After servicing, make the following leakage current checks to prevent the customer from being exposed to shock hazards.

2.1.1. Leakage Current Cold Check

1. Unplug the AC cord and connect a jumper between the two prongs on the plug.
2. Measure the resistance value, with an ohmmeter, between the jumpered AC plug and each exposed metallic cabinet part on the equipment such as screwheads, connectors, control shafts, etc. When the exposed metallic part has a return path to the chassis, the reading should be between 1MΩ and 5.2MΩ.

   When the exposed metal does not have a return path to the chassis, the reading must be ∞ .

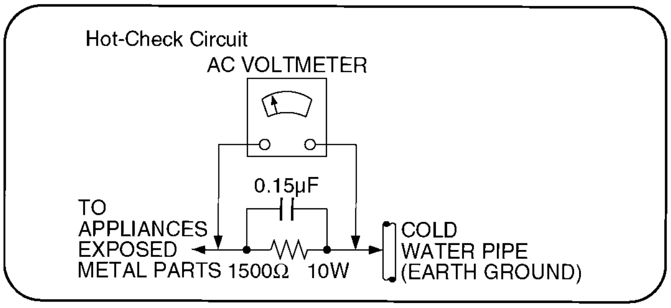

Hot-Check Circuit
AC VOLTMETER
0.15µF
TO APPLIANCES EXPOSED METAL PARTS
1500Ω 10W
COLD WATER PIPE (EARTH GROUND)

Figure 1

2.1.2. Leakage Current Hot Check (See Figure 1.)

1. Plug the AC cord directly into the AC outlet. Do not use an isolation transformer for this check.
2. Connect a 1.5kΩ, 10 watts resistor, in parallel with a 0.15µF capacitors, between each exposed metallic part on the set and a good earth ground such as a water pipe, as shown in Figure 1.
3. Use an AC voltmeter, with 1000 ohms/volt or more sensitivity, to measure the potential across the resistor.
4. Check each exposed metallic part, and measure the voltage at each point.
5. Reverse the AC plug in the AC outlet and repeat each of the above measurements.
6. The potential at any point should not exceed 0.75 volts RMS. A leakage current tester (Simpson Model 229 or equivalent) may be used to make the hot checks, leakage current must not exceed 1/2 milliamp. In case a measurement is outside of the limits specified, there is a possibility of a shock hazard, and the equipment should be repaired and rechecked before it is returned to the customer.

3 Prevention of Electro Static Discharge (ESD) to Electrostatically Sensitive (ES) Devices

Some semiconductor (solid state) devices can be damaged easily by static electricity. Such components commonly are called Electrostatically Sensitive (ES) Devices. Examples of typical ES devices are integrated circuits and some field-effect transistors and semiconductor "chip" components. The following techniques should be used to help reduce the incidence of component damage caused by electro static discharge (ESD).

1. Immediately before handling any semiconductor component or semiconductor-equipped assembly, drain off any ESD on your body by touching a known earth ground. Alternatively, obtain and wear a commercially available discharging ESD wrist strap, which should be removed for potential shock reasons prior to applying power to the unit under test.
2. After removing an electrical assembly equipped with ES devices, place the assembly on a conductive surface such as alminum foil, to prevent electrostatic charge buildup or exposure of the assembly.
3. Use only a grounded-tip soldering iron to solder or unsolder ES devices.
4. Use only an anti-static solder removal device. Some solder removal devices not classified as "anti-static (ESD protected)" can generate electrical charge sufficient to damage ES devices.
5. Do not use freon-propelled chemicals. These can generate electrical charges sufficient to damage ES devices.
6. Do not remove a replacement ES device from its protective package until immediately before you are ready to install it. (Most replacement ES devices are packaged with leads electrically shorted together by conductive foam, alminum foil or comparable conductive material).
7. Immediately before removing the protective material from the leads of a replacement ES device, touch the protective material to the chassis or circuit assembly into which the device will be installed.

   Caution

   Be sure no power is applied to the chassis or circuit, and observe all other safety precautions.
8. Minimize bodily motions when handling unpackaged replacement ES devices. (Otherwise hamless motion such as the brushing together of your clothes fabric or the lifting of your foot from a carpeted floor can generate static electricity (ESD) sufficient to damage an ES device).

IMPORTANT SAFETY NOTICE

There are special components used in this equipment which are imporant for safety.
These parts are marked by ⚠ in the schematic diagrams, Exploded Views and replacement parts list. It is essential that these critical parts should be replaced with manufacturer's specified parts to prevent shock, fire, or other hazards. Do not modify the original design without permission of manufacturer.

4 About lead free solder (PbF)

Note: Lead is listed as (Pb) in the periodic table of elements.

In the information below, Pb will refer to Lead solder, and PbF will refer to Lead Free Solder.

The Lead Free Solder used in our manufacturing process and discussed below is (Sn+Ag+Cu).

That is Tin (Sn), Silver (Ag) and Copper (Cu) although other types are available.

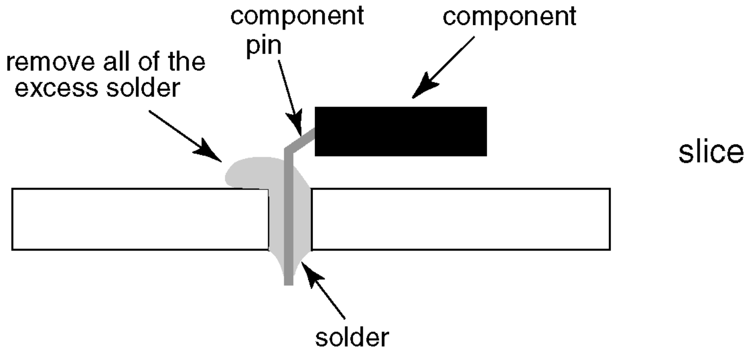
This model uses Pb Free solder in it’s manufacture due to environmental conservation issues. For service and repair work, we’d suggest the use of Pb free solder as well, although Pb solder may be used.

PCBs manufactured using lead free solder will have the PbF within a leaf Symbol PbF stamped on the back of PCB.

Caution

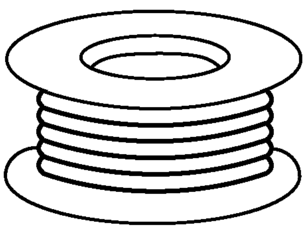
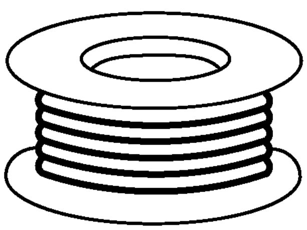
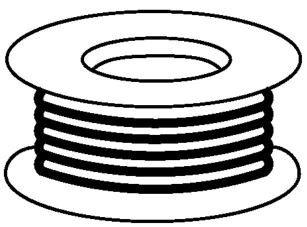
- Pb free solder has a higher melting point than standard solder. Typically the melting point is 50 ~ 70 °F (30~40 °C) higher. Please use a high temperature soldering iron and set it to 700 ± 20 °F (370 ± 10 °C).
- Pb free solder will tend to splash when heated too high (about 1100 °F or 600 °C).

  If you must use Pb solder, please completely remove all of the Pb free solder on the pins or solder area before applying Pb solder. If this is not practical, be sure to heat the Pb free solder until it melts, before applying Pb solder.
- After applying PbF solder to double layered boards, please check the component side for excess solder which may flow onto the opposite side. (see figure below)



Suggested Pb free solder

There are several kinds of Pb free solder available for purchase. This product uses Sn+Ag+Cu (tin, silver, copper) solder. However, Sn+Cu (tin, copper), Sn+Zn+Bi (tin, zinc, bismuth) solder can also be used.

0.3mm X 100g	0.6mm X 100g	1.0mm X 100g
		

5 PCB Structure sheet of GP8D chassis

Board Name	Function	Remarks
D	Digital Signal Processor	1
J	Slot Interface (Audio/Video/Sync input Switch), SYNC processor, Audio processor, Speaker out amplifier, DC-DC converter	1
SS	Sustain Out	1
SC	Scan out	1
SU	Sustain connection (Upper)	1
SD	Sustain connection (Lower)	1
C1	Data Drive (Lower Right)	
C2	Data Drive (Lower Left)	
H3	Speaker terminal	
S1	Power switch	
V1	LED (Stand-by/Power on) & Remote receiver	1
V2	Key switch	1
P	Line filter, Power supply	1
HX	PC_type_Input terminal	
HB	BNC Composite/S Video	2
HA	BNC Component Video	3

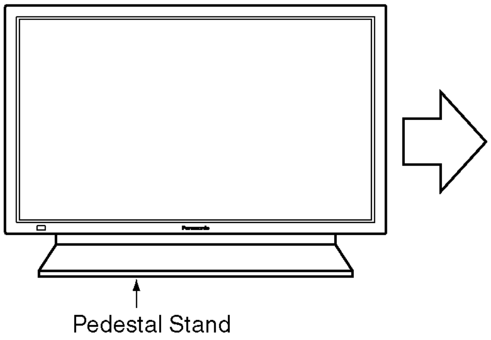
Remarks

1. Recommend PCB´s for initial service for GP8D chassis.
2. For TH-37/42PWD8UK/BK/BS/EK/ES
3. For TH-37/42PWD8UK

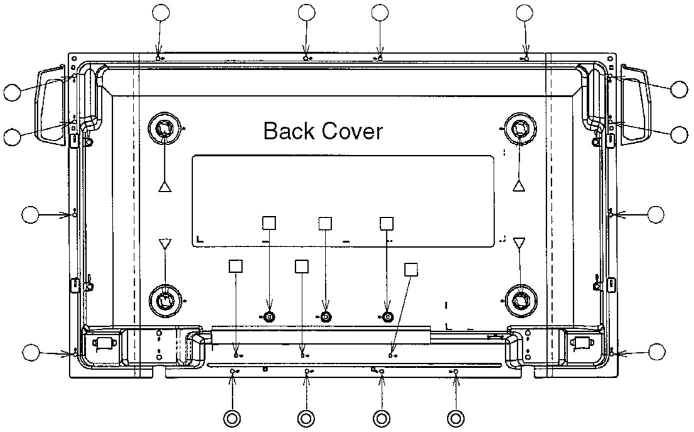
6 Service Hint

[How to set the plasma unit for servicing]

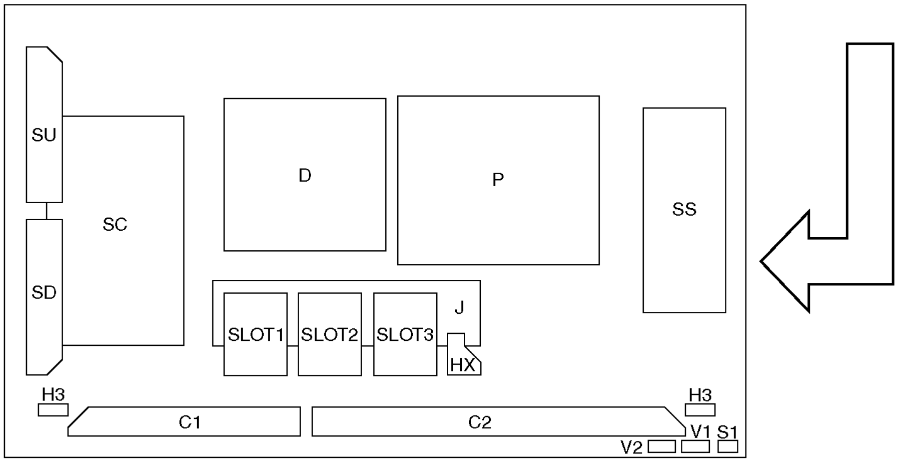
Place the plasma unit on the pedestal stand.
(Optional Accessory)


Pedestal Stand

Remove the Back Cover



Unscrew: 4 screws (△) XYN8+F20FJK
6 screws (□) THEL0239
12 screws (○) THEL0439
4 screws (◎) XYC4+FJ35FJK


SU
SC
SD
D
P
SS
SLOT1
SLOT2
SLOT3
J
HX
H3
H3
C1
C2
V2
V1
S1

P.C. Boards Location

37inch

	SLOT1	SLOT2
37PWD8UK	HB	HA
37PWD8BK/BS/EK/ES	HB	-
37PWD8GK/GS	-	-

42inch

	SLOT1	SLOT2	SLOT3
42PWD8UK	-	HB	HA
42PWD8BK/BS/EK/ES	HB	-	-
42PWD8GK/GS	-	-	-

Note:

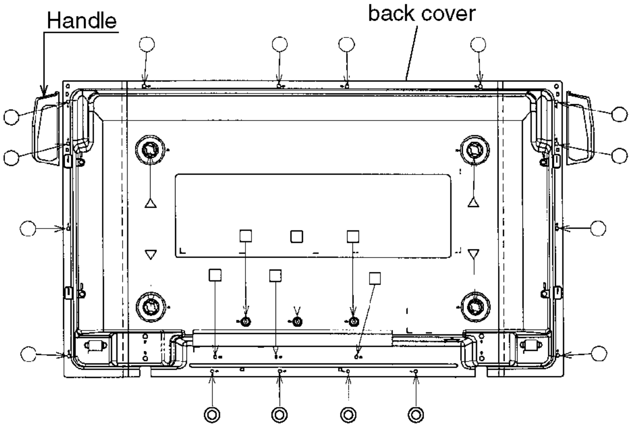
- Extension cable kit for Slot Board is supplied as service fixtures and tools. (Part No. TZSC07040)
- J13 Slot is not equiped for 37” model.

7 P.C.Board and Plasma panel replacement

Prior to the replacement of Plasma panel, place the unit on the pedestal stand and remove the front frame.

7.1. Removal of the back cover

1. Unscrew the screws (×12 ○, ×6 □, ×4 △, ×4 ◎) and remove the back cover.

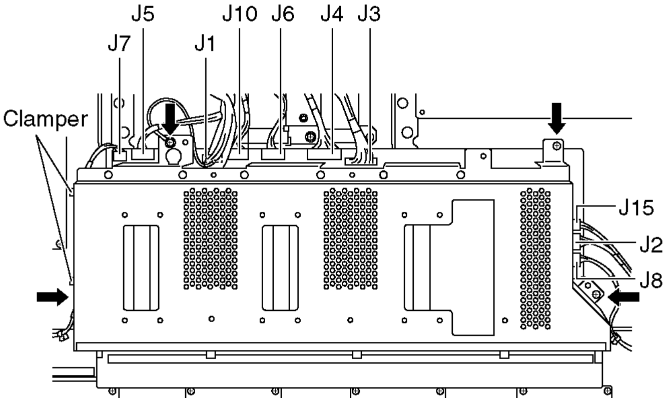


7.2. Removal of the Slot block

Caution:

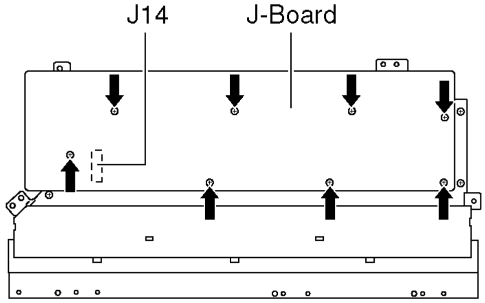
To remove P.C.B., wait 1 minute after power was off for discharge from electrolysis capacitors.

1. Remove the couplers (J1, J2, J3, J4, J5, J6, J7, J8, J10, J15).
2. Release the cable from the clampers at left side of the slot block.
3. Unscrew the screws (×4 ➡) and remove the slot block.



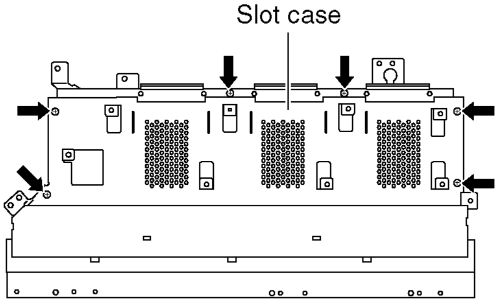
7.3. Removal of the J-Board

1. Unscrew the screws (×8 ➡), release J14 from the HX-Board and remove the J-Board.

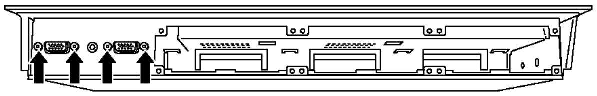


7.4. Removal of the HX-Board

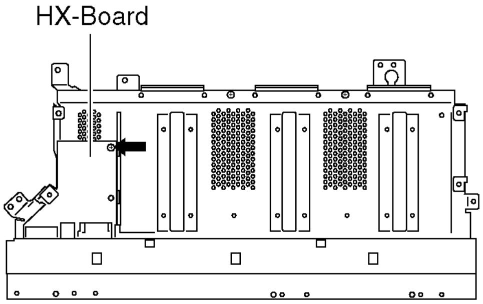
1. Unscrew the screws (×6 ➡) and remove the slot case.



2. Unscrew the screws (×4 ➡).

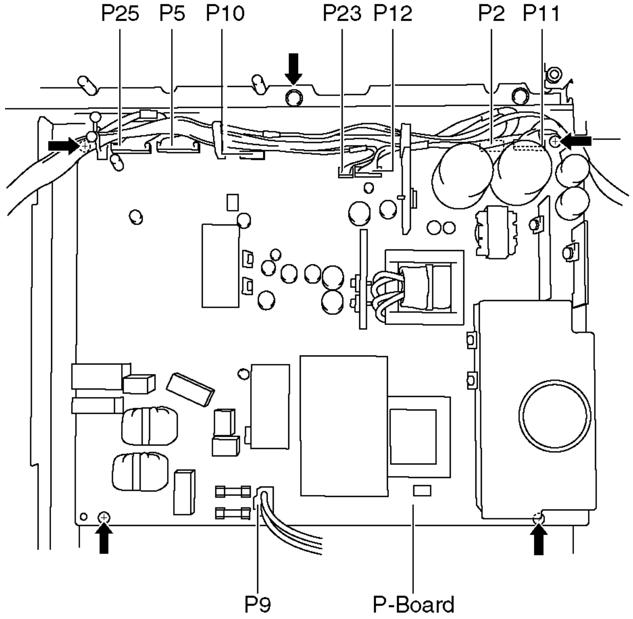


3. Unscrew the screws (×1 ➡) and remove the HX-Board.



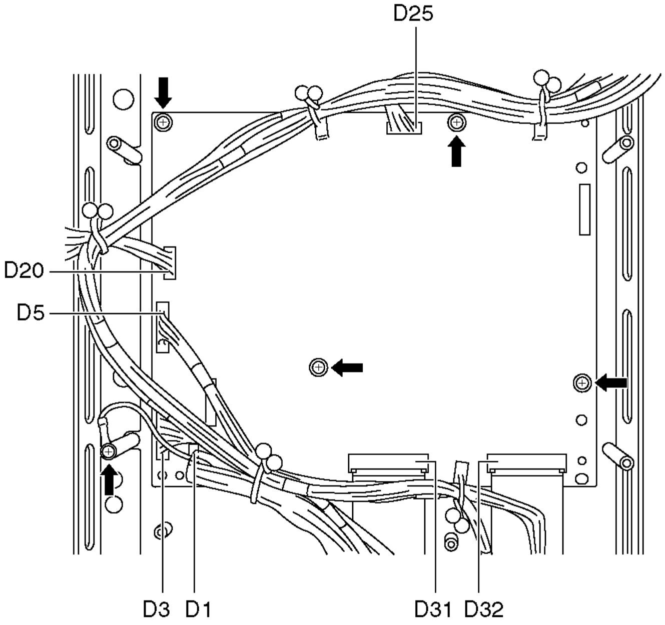
7.5. Removal of the P-Board

1. Remove the couplers (P2, P5, P7, P9, P10, P11, P12, P23 and P25).
2. Unscrew the screws (×5 ➡) and remove the P-Board.


P25
P5
P10
P23
P12
P2
P11
P9
P-Board

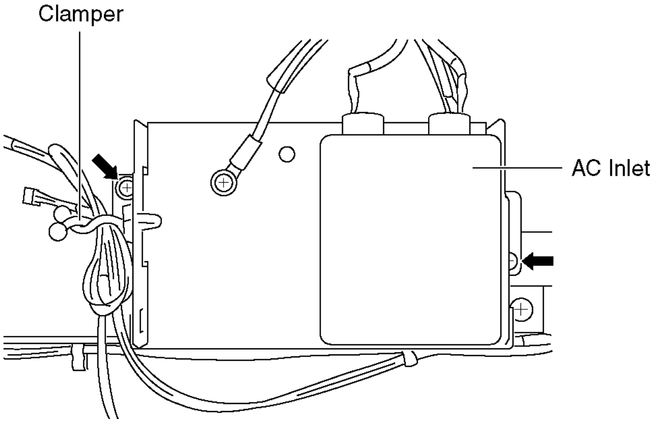
7.6. Removal of the D-Board

1. Disconnect the couplers (D1, D3, D5, D20, D25) and the flexible cables (D31, D32).
2. Unscrew the screws (×5 ➡) and remove the D-Board.


D25
D20
D5
D3
D1
D31
D32

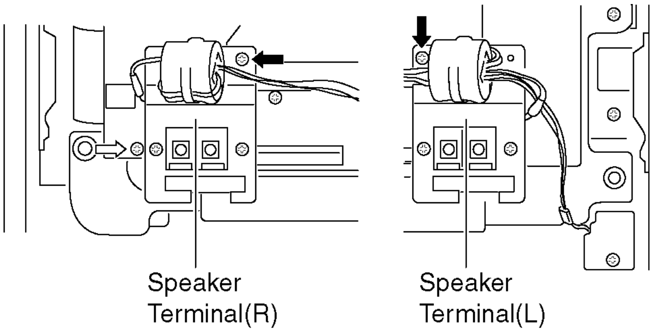
7.7. Removal of the AC-Inlet

1. Remove the coupler (P9) on the P-Board and release the cables from the clamper.
2. Unscrew the screws (×2 ➡) and remove the AC inlet.

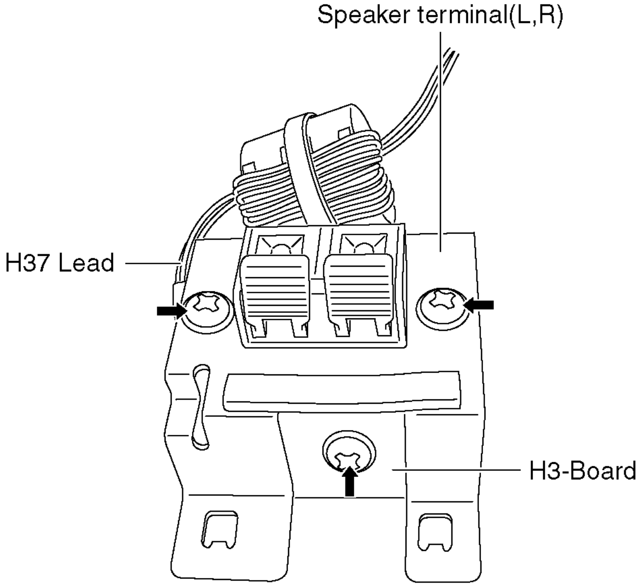

Clamper
AC Inlet

7.8. Removal of the H3-Board

1. Unscrew the screws (×2 ➡), and remove the H3-Board with the Bracket (right & left).

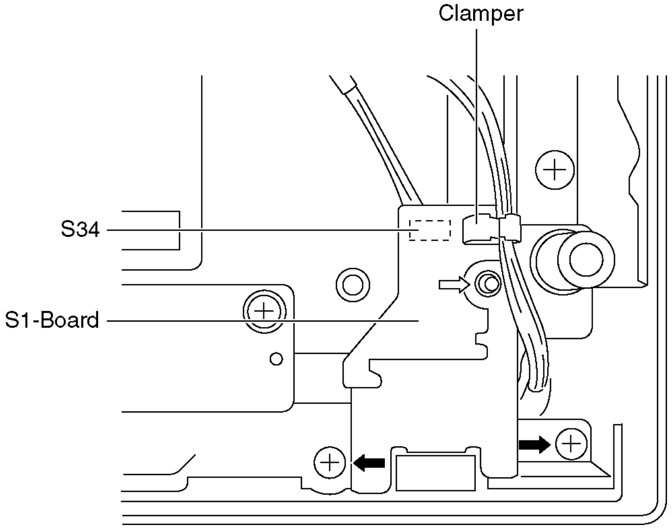

Speaker Terminal(R)
Speaker Terminal(L)

2. Remove the couplers (H37).
3. Unscrew the screws (×6 ➡), and remove the H3-Board (right & left).


Speaker terminal(L,R)
H37 Lead
H3-Board

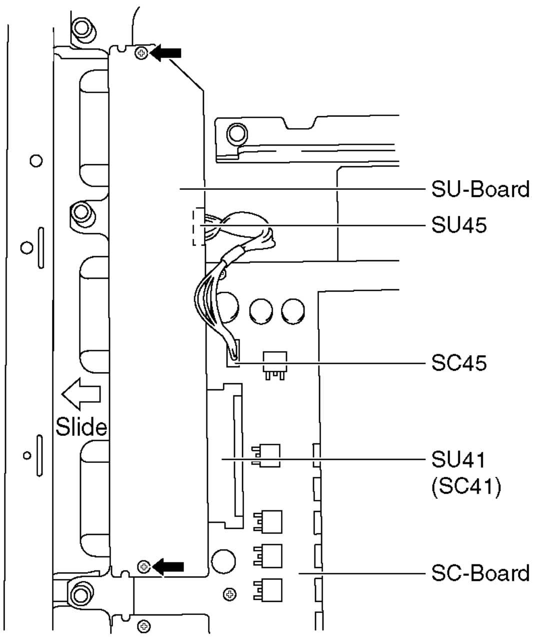
7.9. Removal of the S1-Board

1. Release the cable from the clamper.
2. Unscrew the screws (×2 ➡) and remove the S1-Board with the bracket.
3. Remove a coupler (S34), unscrew a screw (×1 ⇨) and remove the S1-Board.

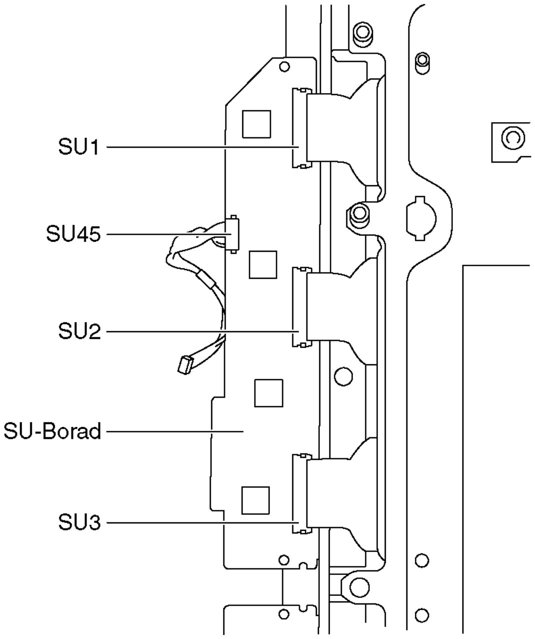

Clamper
S34
S1-Board

7.10. Removal of the SU-Board

1. Unscrew the screws (×2 ➡).
2. Slide the SU-Board to the left and disconnect from the couplers (SC41) on the SC-Board.
3. Remove the coupler (SU45).

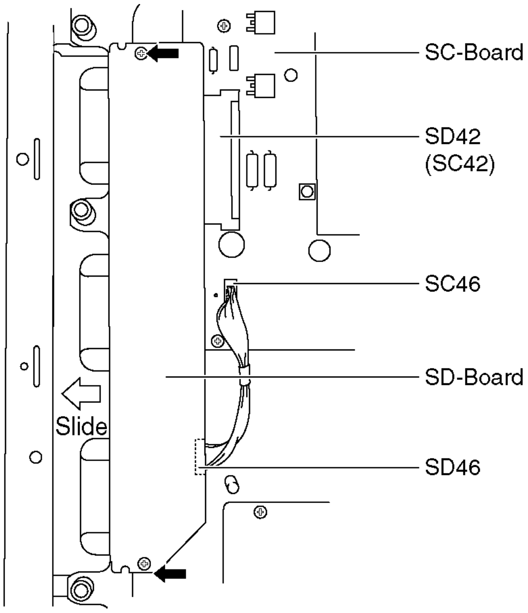

SU-Board
SU45
SC45
Slide
SU41
(SC41)
SC-Board

4. Remove the flexible cables (SU1, SU2, SU3) connected to the SU-Board from the plasma panel, and remove the SU-Board.

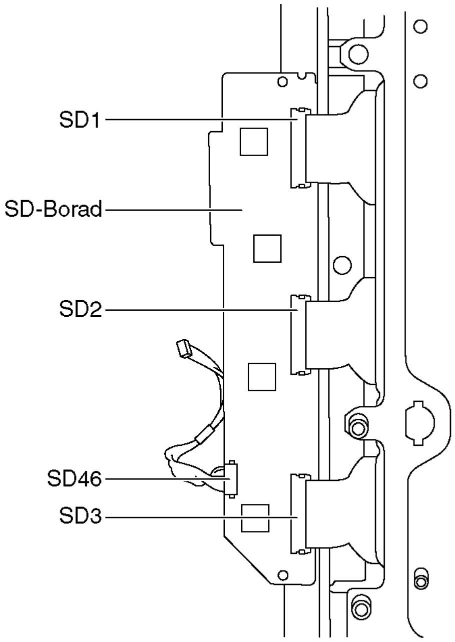

SU1
SU45
SU2
SU-Borad
SU3

7.11. Removal of the SD-Board

1. Unscrew the screws (×2 ➡).
2. Slide the SD-Board to the left and disconnect from the couplers (SC42) on the SC-Board.
3. Remove the coupler (SD46).

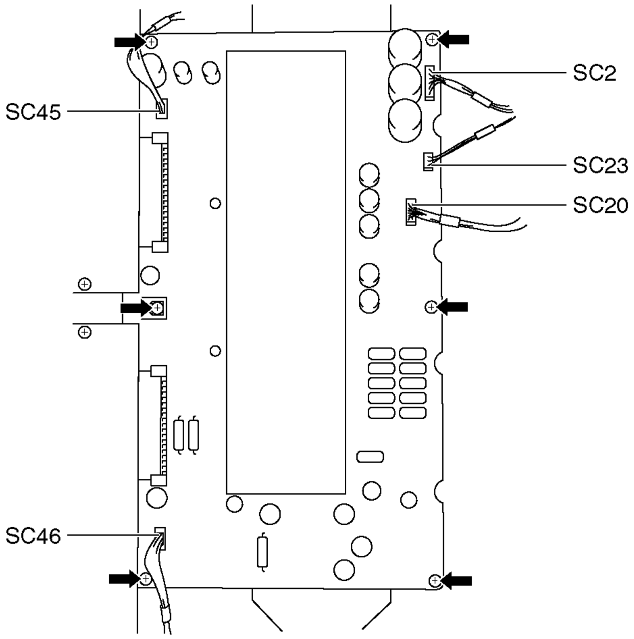

SC-Board
SD42
(SC42)
SC46
SD-Board
Slide
SD46

4. Remove the flexible cables (SD1, SD2, SD3) connected to the SD-Board from the plasma panel, and remove the SD-Board.


SD1
SD-Borad
SD2
SD46
SD3

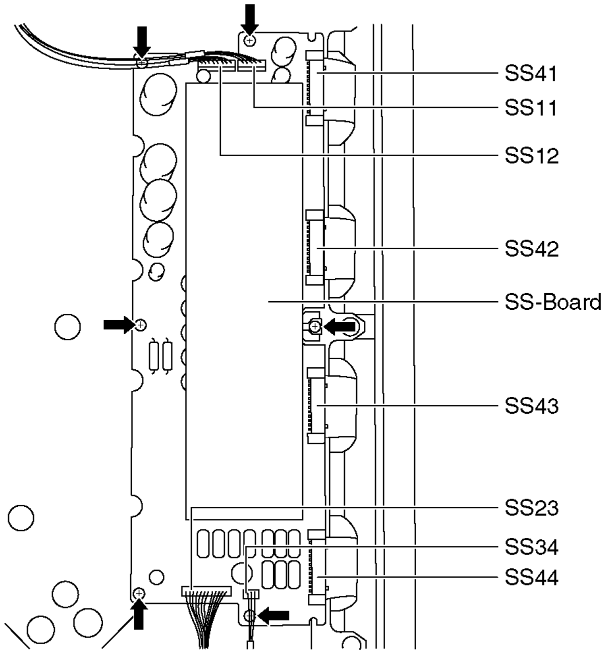
7.12. Removal of the SC-Board

1. Remove the couplers (SC2, SC20, SC23, SC45, SC46).
2. Unscrew the screws (×6 ➡) and remove the SC-Board.


SC2
SC45
SC23
SC20
SC46

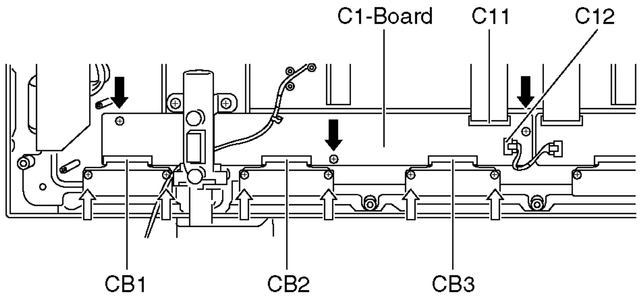
7.13. Removal of the SS-Board

1. Remove the couplers (SS11, SS12, SS23, SS34).
2. Remove the flexible cables (SS41, SS42, SS43, SS44).
3. Unscrew the screws (×6 ➡), and remove the SS-Board.


SS41
SS11
SS12
SS42
SS-Board
SS43
SS23
SS34
SS44

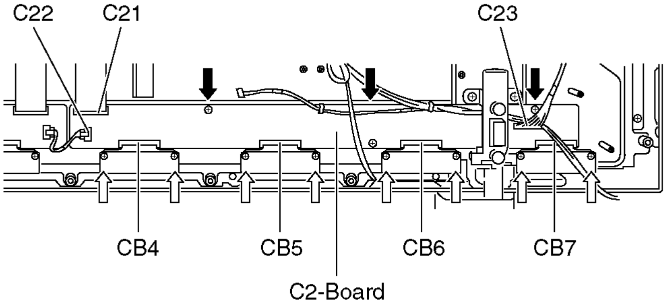
7.14. Removal of the C1-Board

1. Unscrew the flexible cable holder fastening screws (×6 ⇨).
2. Remove the flexible cables (CB1, CB2, CB3).
3. Remove a flexible cable (C11), a coupler (C12) and release the speaker cables from a clamper (×1) on the C1-Board.
4. Unscrew the screws (×3 ➡), and remove the C1-Board.


C1-Board
C11
C12
CB1
CB2
CB3

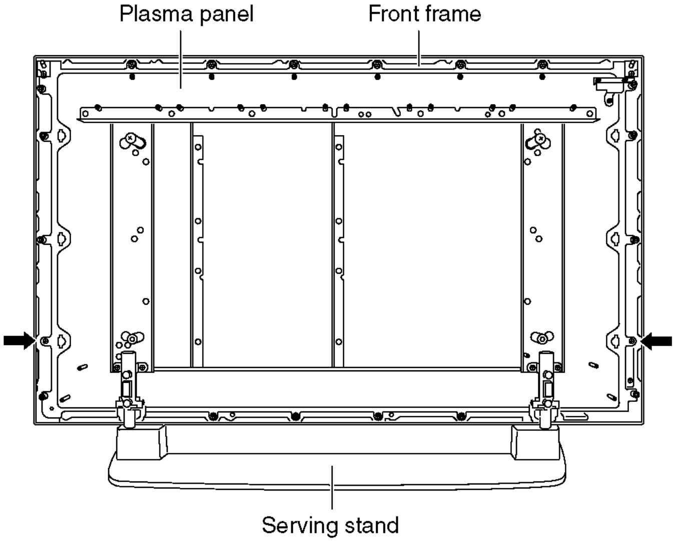
7.15. Removal of the C2-Board

1. Unscrew the flexible cable holder fastening screws (×8 ⇨).
2. Remove the flexible cables (CB4, CB5, CB6, CB7).
3. Remove the couplers (C22, C23), a flexible cable (C21) and release the speaker cables from the clamper on the C2-Board.
4. Unscrew the screws (×3 ➡), and remove the C2-Board.

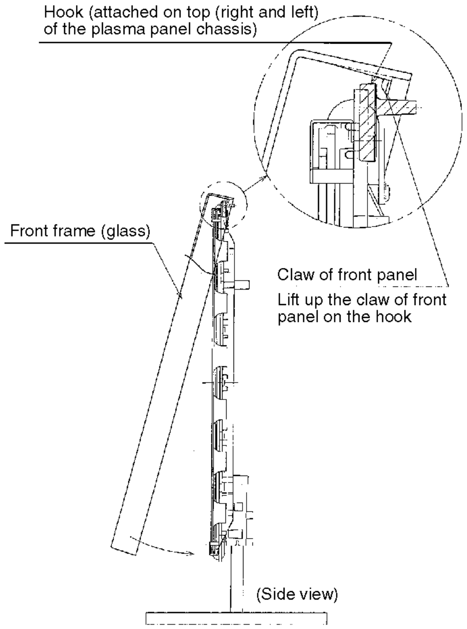

C22
C21
C23
CB4
CB5
CB6
CB7
C2-Board

7.16. Removal of the Front frame (glass)

1. Remove the screws (×2 ➡) fixing the front frame and the plasma panel.

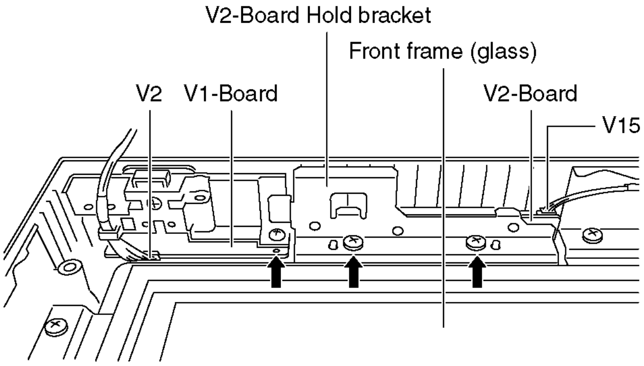

Plasma panel
Front frame
Serving stand

2. Confirm the S1-Board has been removed and the cable to the V1-Board and V2-Board released.
3. For leaving the front frame from the plasma panel, pull the bottom of the front frame to forward, lift up, and remove.


Hook (attached on top (right and left) of the plasma panel chassis)
Front frame (glass)
Claw of front panel
Lift up the claw of front panel on the hook
(Side view)

7.17. Removal of the V1-Board and the V2-Board

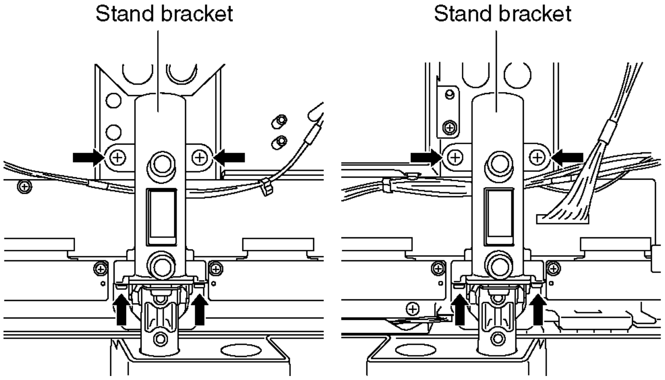
1. Lay down the front frame on the flat surface of the table (covered by a soft cloth not to damage the surface.)
2. Remove the couplers (V2 on the V1-Board and V15 on the V2-Board).
3. Unscrew the screws (×3 ➡).
4. Remove the V1-Board, the V2-Board hold bracket and the V2-Board.


V2-Board Hold bracket
Front frame (glass)
V2
V1-Board
V2-Board
V15

7.18. Removal of stand brackets

1. Remove the plasma panel section from the servicing stand and lay on a table (covered), with the plasma panel surface facing downward.

   Spread a soft cloth for protection, to prevent panel surface from scratching.
2. Remove the stand bracket (left, right) fastening screws (×4 ➡ each) and remove the stand brackets (left, right).



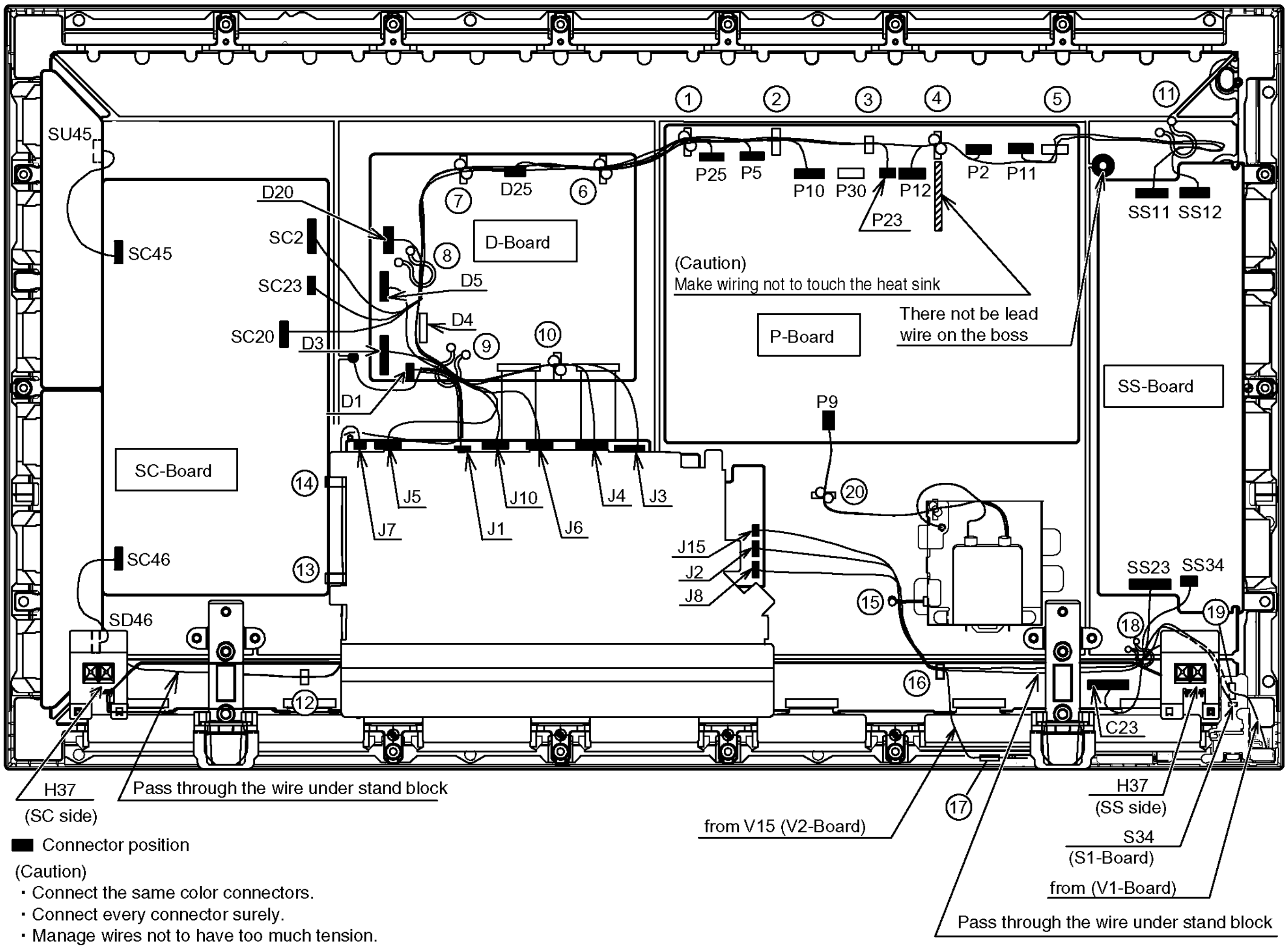
7.19. Replacement of the plasma panel

1. Place the new plasma panel (finished) on the flat surface of the table (covered by a soft cloth), with the plasma panel surface facing downward.
2. Fit the stand brackets (left, right.) fasten 4 screws each on the new plasma panel.
3. Place the plasma panel section on the servicing stand.
4. Attach the front frame, each P.C.Board and so on, to the new plasma panel.

*** When fitting the front frame, be careful not to allow any debris, dust or handling residues to remain between the front glass and plasma panel.**

8 Location of Lead Wiring

8.1. Wiring for 37 inch model

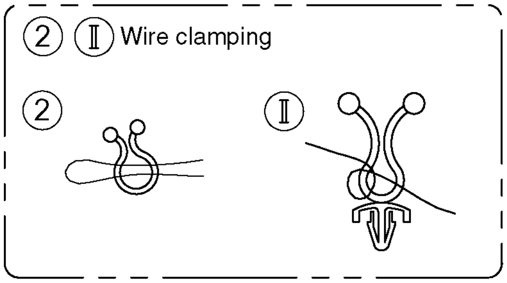

①
②
③
④
⑤
⑪
SU45
D20
SC2
SC45
SC23
SC20
D3
D1
D25
⑦
⑥
⑧
D-Board
D5
D4
⑨
⑩
P25
P5
P10
P30
P23
P12
P2
P11
SS11
SS12
(Caution)
Make wiring not to touch the heat sink
There not be lead wire on the boss
P-Board
SS-Board
P9
SC-Board
⑭
⑬
J5
J7
J10
J1
J6
J4
J3
J15
J2
J8
⑳
⑮
SS23
SS34
⑱
⑲
SC46
SD46
⑫
⑯
C23
H37
(SC side)
Pass through the wire under stand block
from V15 (V2-Board)
⑰
H37
(SS side)
S34
(S1-Board)
from (V1-Board)
Pass through the wire under stand block

▬ Connector position

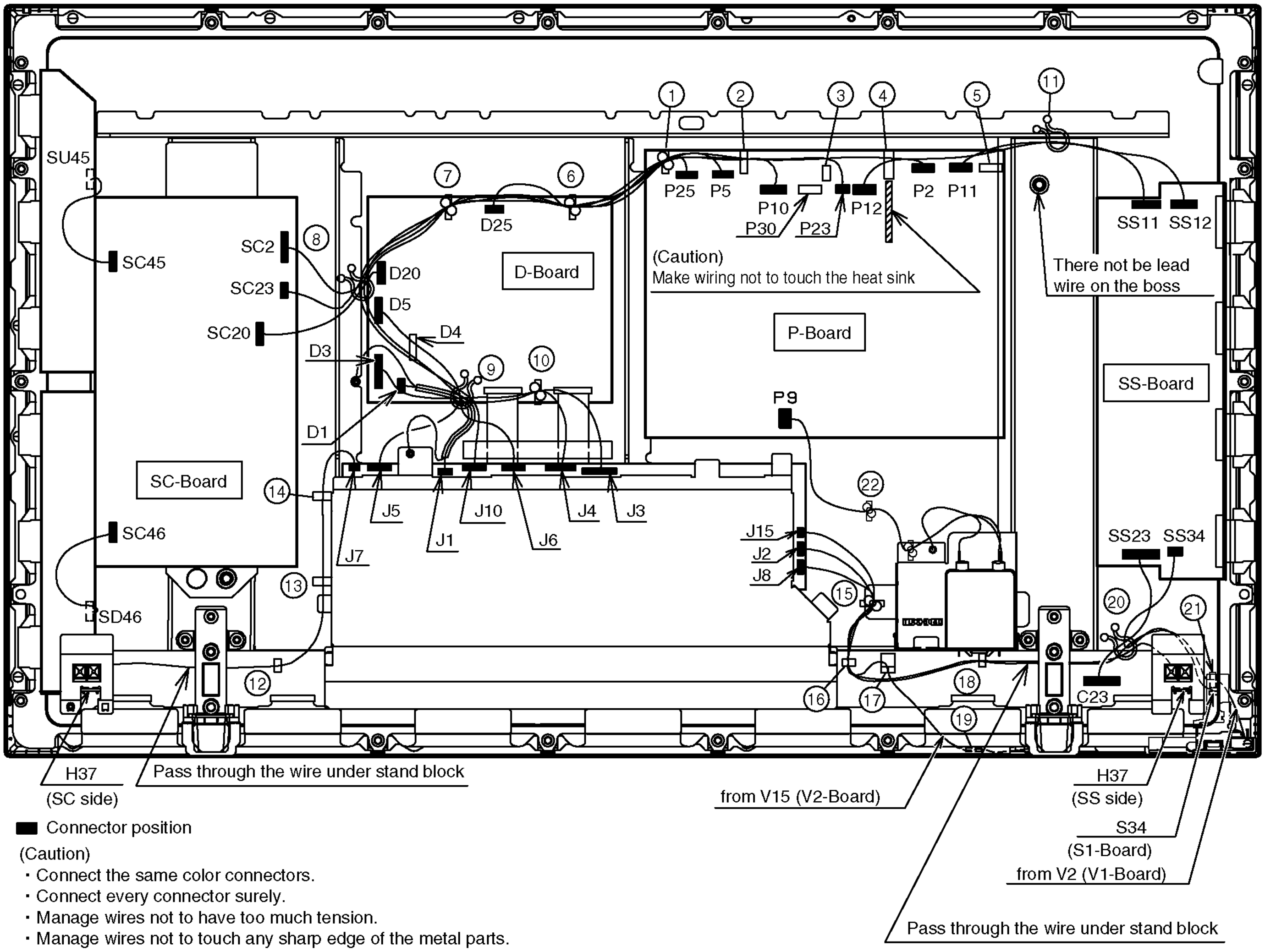
(Caution)
- Connect the same color connectors.
- Connect every connector surely.
- Manage wires not to have too much tension.
- Manage wires not to touch any sharp edge of the metal parts.
- When disconnect the coupler with lock, release lock and disconnect it.

Clamp position

CON:No. — CON:No.	①	②	③	④	⑤	⑥	⑦	⑧	⑨	⑩	⑪	⑫	⑬	⑭	⑮	⑯	⑰	⑱	⑲	⑳
SS11 — P11											②									
SS12 — P12				○							②									
SC2 — P2	○	○		○		○	○	○												
SC23 — P23	○	○				○	○	○												
SC20 — D20								○												
D25 — P25	○					○														
J5 > D5									○											
J6									○											
J3 — D3									○	○										
J1 — D1									○											
J10 — P10	○	○				○	○	○	○											
J4 — P5	○					○	○	○	○	○										
J7 — H37 (SC side)												○	○	○						
J8 — H37 (SS side)															○	○		○		
V15 (V2-Board) — J15															Ⅰ	○	○		○	
V2 (V1-Board) — J2															○	○		○		○
SS23 — C23																				○
SS34 — S34																				○
H37 — J8															○	○		○		○
AC Inlet — P9																				


② Ⅰ Wire clamping
②
Ⅰ

8.2. Wiring for 42 inch model


SU45
SC45
SC2
SC23
SC20
SC46
SD46
SC-Board
D20
D5
D4
D3
D1
D25
D-Board
P25
P5
P10
P30
P23
P12
P2
P11
(Caution)
Make wiring not to touch the heat sink
P-Board
P9
SS11
SS12
There not be lead wire on the boss
SS-Board
SS23
SS34
C23
J5
J10
J4
J3
J7
J1
J6
J15
J2
J8
①
②
③
④
⑤
⑥
⑦
⑧
⑨
⑩
⑪
⑫
⑬
⑭
⑮
⑯
⑰
⑱
⑲
⑳
㉑
㉒
H37
(SC side)
Pass through the wire under stand block
from V15 (V2-Board)
H37
(SS side)
S34
(S1-Board)
from V2 (V1-Board)
Pass through the wire under stand block

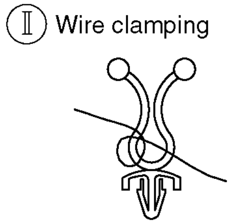
▬ Connector position

(Caution)

- Connect the same color connectors.
- Connect every connector surely.
- Manage wires not to have too much tension.
- Manage wires not to touch any sharp edge of the metal parts.
- When disconnect the coupler with lock, release lock and disconnect it.

Clamp position

CON:No. — CON:No.	①	②	③	④	⑤	⑥	⑦	⑧	⑨	⑩	⑪	⑫	⑬	⑭	⑮	⑯	⑰	⑱	⑲	⑳	㉑	㉒
SS11 — P11											○											
SS12 — P12				○							○											
SC2 — P2	○	○		○		○	○	○														
SC23 — P23	○	○				○	○	○														
SC20 — D20								○														
D25 — P25	○					○																
J5 > D5									○													
J6									○													
J3 — D3									○	○												
J1 — D1									○													
J10 — P10	○	○				○	○	○	○													
J4 — P5	○					○	○	○	○	○												
J7 — H37 (SC side)												○	○	○								
J8 — H37 (SS side)															○	○		○				
V15 (V2-Board) — J15															Ⅰ	○	○		○			
V2 (V1-Board) — J2															○	○		○		○	○	
SS23 — C23																				○		
SS34 — S34																				○		
H37 — J8															○	○		○		○		
AC Inlet — P9																						○


Ⅰ Wire clamping

9 Adjustment Procedure

9.1. Driver Set-up

9.1.1. Item / Preparation

1. Input a white signal of the RGB signal generator.
2. Set the picture controls: -

   Picture menu: Standard

   Color temperature: Middle

   Picture: 25

   Aspect: Full

Caution

1. First perform Vsus adjustment.
2. Confirmation of Vscn voltage should be performed after confirmation of Vad adjustment.

   When Vad=-90V, Voltage of Vscn is 30V ±3V.

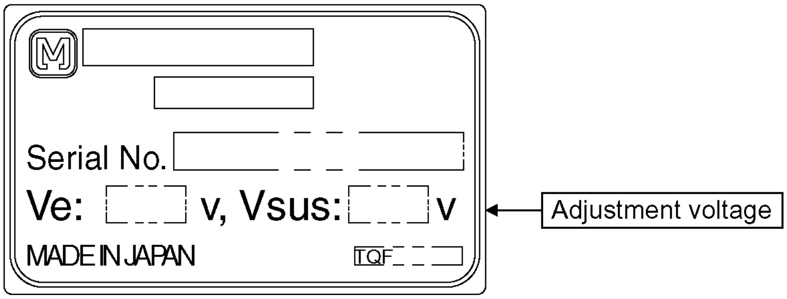
9.1.2. Adjustments

Adjust driver section voltages referring the panel data on the panel data label.

Name	Test Point	Voltage	Volume	Remarks
Vsus	TPVSUS (SS)	Vsus ± 1V	R628 (P)	*
Ve	TPVE (SS)	Ve ± 2V	VR6074 (SS)	*
Vset	TPVSET (SC)	232V ± 7V	Fixed	
Vad	TPVAD (SC)	-90V ± 1V	VR6477 (SC)	
Vscn	TPVSCN (SC)	Vad+120V ± 3V	Fixed	
Vda	TPVDA (SS)	67V ± 1V	R665 (P)	
PFC	C446 (+)(-)	395V ± 0.5V	R443 (P)	
Vlow	C555 (+)(-)	73V ± 0.1V	R661 (P)	load current : 0.4A
Csus	TPVSUS (SS)	164V ± 0.5V	R671 (P)	load current : 1.45A

*See the Panel label.

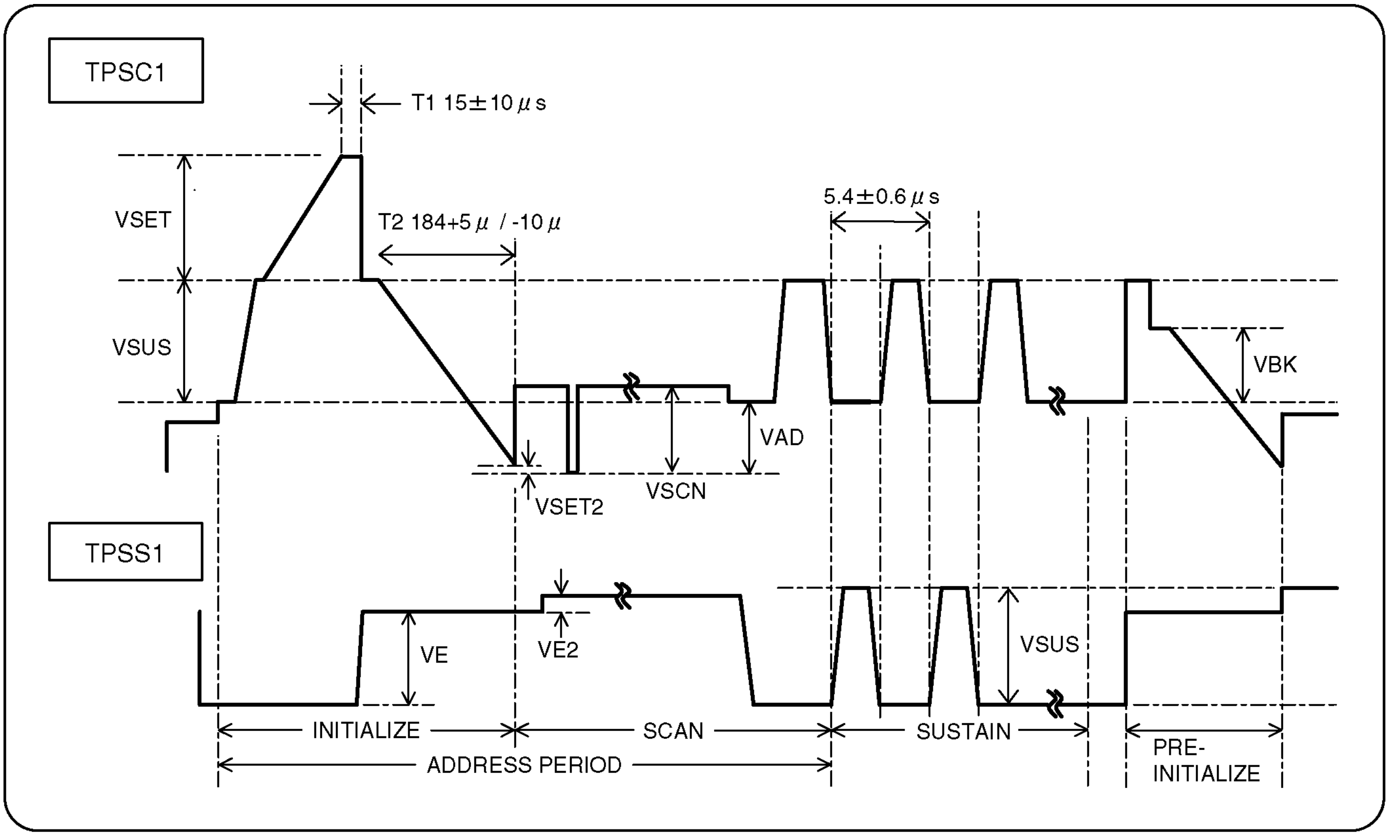
Panel Label information



9.2. Initialization Pulse Adjust

1. Input the White signal to plasma video input.
2. Set the picture controls as follows.
    - Picture menu: Standard
    - Color temperature : Middle
    - Picture : 25
3. Connect Oscilloscope to TPSC1 (T1) and check for 15±10µ Sec.
4. Connect Oscilloscope to TPSC1 (T2) and adjust R6557 for 184+5µ /-10µ Sec.

	Test point	Volume	Level
T1	TPSC1 (SC)	---	15 ± 10µ Sec
T2	TPSC1 (SC)	R6557 (SC)	184 + 5µ / - 10µ Sec


TPSC1
T1 15±10µs
VSET
T2 184+5µ / -10µ
5.4±0.6µs
VSUS
VBK
VAD
VSCN
VSET2
TPSS1
VE
VE2
VSUS
INITIALIZE
SCAN
SUSTAIN
ADDRESS PERIOD
PRE-INITIALIZE

9.3. P.C.B. (Printed Circuit Board) exchange

9.3.1. Caution

1. To remove P.C.B. , wait 1 minute after power was off for discharge from electrolysis capacitors.

9.3.2. Quick adjustment after P.C.B. exchange

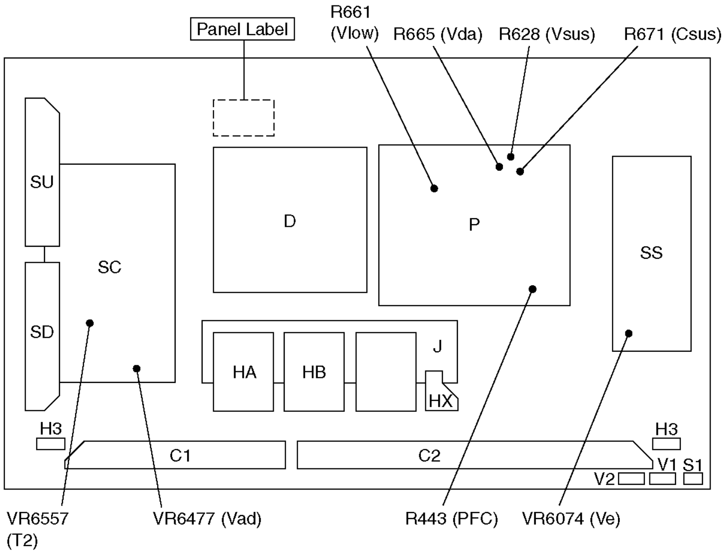
P.C.B.	Name	Test Point	Voltage	Volume	Remarks
P Board	Vsus	TPVSUS (SS)	Vsus ± 2V	R628 (P)	*
	Vda	TPVDA (SS)	67V ± 1V	R665 (P)	
	PFC	C446 (+) (-) (P)	395V ± 0.5V	R443 (P)	
	Vlow	C557 (+) (-) (P)	73V ± 0.1V	R661 (P)	load current : 0.4A
	Csus	TPVSUS (SS)	178V ± 0.5V	R671 (P)	load current : 1.45A
SC Board	Vad	TPVAD (SC)	-90V ± 1V	VR6477 (SC)	
SS Board	Ve	TPVE (SS)	Ve ± 2V	VR6074 (SS)	*
D, DG Board	White blance, Pedestal and Sub brightness for NTSC, PAL, HD, PC and 625i signals				

*See the Panel label.

Caution:

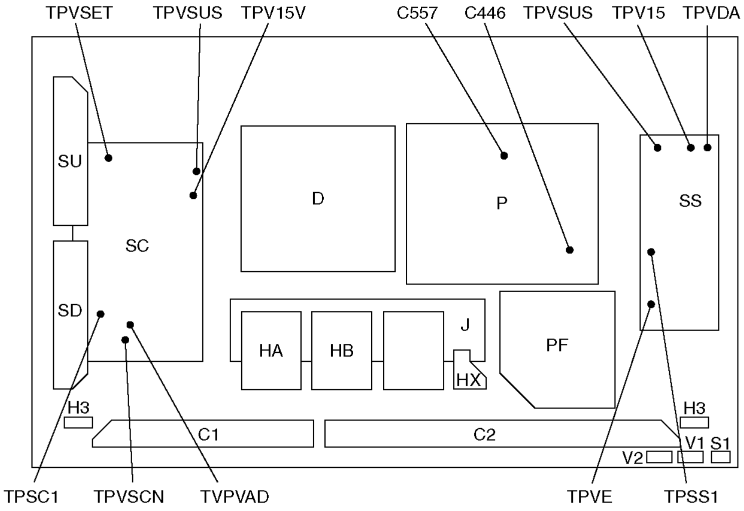
Absolutely do not reduce Vsus below Ve not to damage the P.C.B.

9.4. Adjustment Volume Location



Panel Label
R661 (Vlow)
R665 (Vda)
R628 (Vsus)
R671 (Csus)
SU
SC
SD
D
P
SS
HA
HB
J
HX
H3
C1
C2
H3
V1
S1
V2
VR6557 (T2)
VR6477 (Vad)
R443 (PFC)
VR6074 (Ve)

9.5. Test Point Location



TPVSET
TPVSUS
TPV15V
C557
C446
TPVSUS
TPV15
TPVDA
SU
SC
SD
D
P
SS
HA
HB
J
HX
PF
H3
C1
C2
H3
V1
S1
V2
TPSC1
TPVSCN
TVPVAD
TPVE
TPSS1

10 Service mode

10.1. CAT (computer Aided Test) mode

CAT mode menu (Front page)

CAT Panel sys8.2
IIC Mode
CD Mode
SD Mode
MS Mode
ID Mode

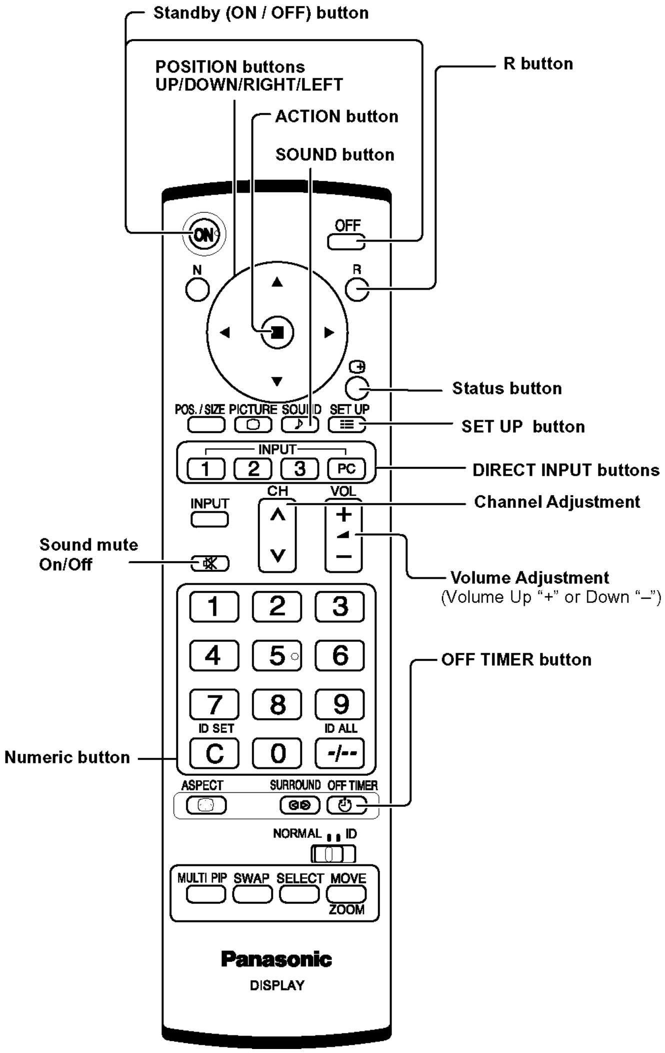
Mode	Function	Access button
IIC	Service Alignment	Action
CD(Complete Diagnostics)	Software version information EEPROM edit	Mute more than 5 seconds
SD(Status Display)	MTBF parameter	Action
MS Mode	Not use	-----
ID	Not use	-----

How to access the CAT mode.

Press and the hold the **Volume down / - buton** on the front panel of the unit and press the **status** button on the remote control 3 times quickly within 1 second, this will place the unit into the CAT mode.

To exit the **CAT mode**, access the **ID mode** and switch off the main power.

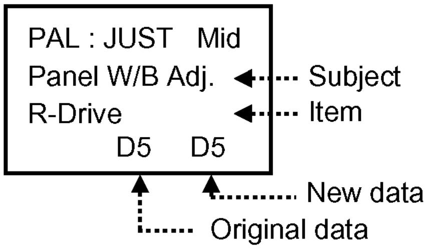
Remote control


Standby (ON / OFF) button
POSITION buttons UP/DOWN/RIGHT/LEFT
ACTION button
SOUND button
R button
ON
OFF
N
R
Status button
POS./SIZE
PICTURE
SOUND
SET UP
SET UP button
INPUT
1
2
3
PC
DIRECT INPUT buttons
CH
VOL
Channel Adjustment
INPUT
Sound mute On/Off
Volume Adjustment
(Volume Up "+" or Down "–")
OFF TIMER button
ID SET
ID ALL
Numeric button
ASPECT
SURROUND
OFF TIMER
NORMAL
ID
MULTI PIP
SWAP
SELECT
MOVE
ZOOM
Panasonic
DISPLAY

10.1.1. IIC mode

Select the IIC mode by **Up/Down button** on the remote control at the front page of CAT mode then press the **Action button** on the remote control.

OSD


PAL : JUST Mid
Panel W/B Adj.
R-Drive
D5 D5

Subject
Item
New data
Original data

How to use the IIC mode.

1. Select the alignment **Subject** by **Up/Down buttons** on the remote control.
2 .Select the alignment **Item** by **Left/Right buttons** on the remote control.
3. Adjust **optimum setting** by **Volume Up/Down buttons** on the remote control.
4. The **data is memorized** when press the **R button** on the remote control or change the alignment Subject (or Items).

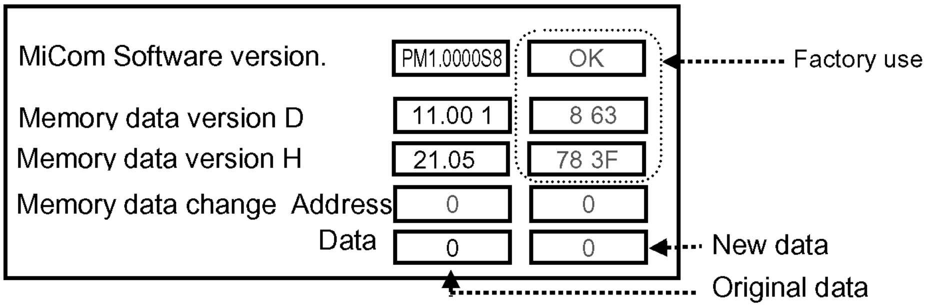
Subject and item are mentioned on page 24.

To exit the IIC mode, press the **R button** on the remote control.

10.1.2. CD mode

Select the CD mode by **Up/Down button** on the remote control at the front page of CAT mode then press the **Mute button** on the remote control more than 5 sec.

OSD



MiCom Software version. PM1.0000S8 OK

Memory data version D 11.00 1 8 63

Memory data version H 21.05 78 3F

Memory data change Address 0 0

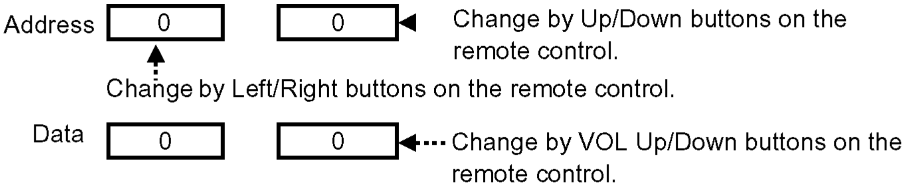
Data 0 0

Factory use
New data
Original data

Micom software version (IC9703), this version can be upgrade by

1. replace of new version IC
2. Loading the new version software from loader tool, TZSC07036.

Memory data change



Address 0 0

Data 0 0

Change by Up/Down buttons on the remote control.
Change by Left/Right buttons on the remote control.
Change by VOL Up/Down buttons on the remote control.

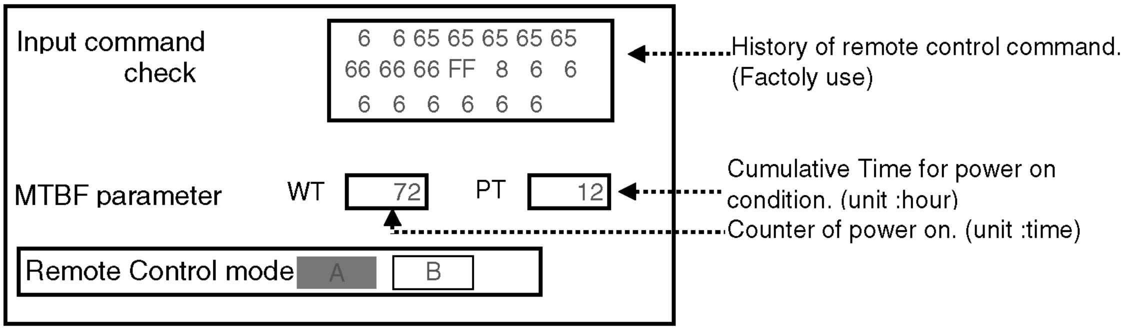
The data is memorized when switch off the main power.

To exit the CD mode, press the **R button** on the remote control.

10.1.3. SD mode

Select the SD mode by Up/Down button on the remote control at the front page of CAT mode then press the Action button on the remote control.

OSD



Input command check

6 6 65 65 65 65 65
66 66 66 FF 8 6 6
6 6 6 6 6 6

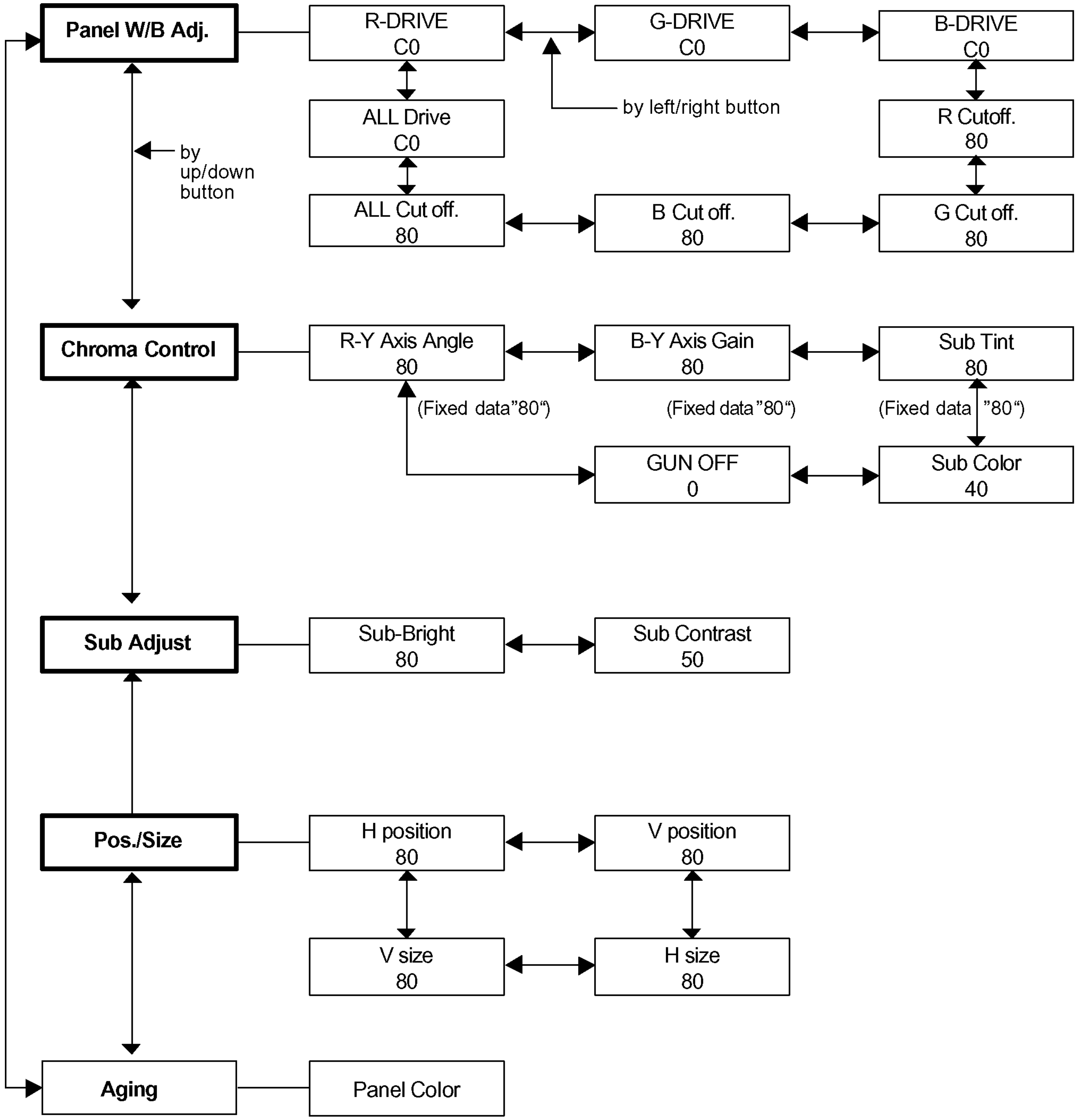
MTBF parameter WT 72 PT 12

Remote Control mode A B

History of remote control command.
(Factoly use)
Cumulative Time for power on condition. (unit :hour)
Counter of power on. (unit :time)

To exit the SD mode, press the **R button** on the remote control.

10.2. IIC mode structure (following items value is sample data.)

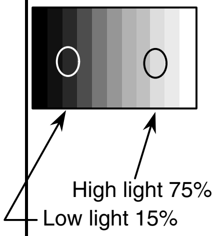

Panel W/B Adj.
R-DRIVE C0
G-DRIVE C0
B-DRIVE C0
ALL Drive C0
by left/right button
R Cutoff. 80
by up/down button
ALL Cut off. 80
B Cut off. 80
G Cut off. 80
Chroma Control
R-Y Axis Angle 80
B-Y Axis Gain 80
Sub Tint 80
(Fixed data"80")
(Fixed data"80")
(Fixed data "80")
GUN OFF 0
Sub Color 40
Sub Adjust
Sub-Bright 80
Sub Contrast 50
Pos./Size
H position 80
V position 80
V size 80
H size 80
Aging
Panel Color

0 WHITE
1 RED
2 GREEN
3 BLUE
4 SCROLL BAR
5 WHITE
6 RAMP_W
7 RAMP_R
8 RAMP_G
9 RAMP_B
10 WINDOW

These are selected by the Action button of Remote and press the R button to exit.

11 Alignment

11.1. PC/RGB panel white balance

	INPUT	Equipment	Setting	Alignment menu	Procedure
1	PC (VGA) Gray Scale Pattern 	Color Analyzer	Picture menu: Standard Picture: 25 White balance: **Cool** Aspect: Full Component/ RGB-IN Select: RGB IIC mode: Panel W/B Adj Color temprature: High	PANEL W/B G Drive PANEL W/B B Drive R Drive PANEL W/B R,G,B Drive R,G,B Drive PANEL W/B R,G,B cut off	Note: · Before adjustment, color signal has not been displayed on panel. · The pedestal adjustment has been done. · The signal root must be A side. 1) Set G cut off to " 80 ". 2)Find 75% (amplitude) of white area by color sensor. 3) Set G Drive to " E0 ". 4) Adjust B and R Drive to set the High color temperature as shown Table 1. 5) Increase equaly R, G and B Drive to get the largest level of 3 color drive to "FC".
2			Picture menu: Standard White balance: **Normal** Aspect: Full	PANEL W/B R,G,B cut off PANEL W/B R,G,B Drive	1) Change white balance to "Normal". 2) In Mid color temperature, repeat the procedures 1) to 5) of Cool mode.
3			Picture menu: Standard White balance: **Warm** Aspect: Full	PANEL W/B R,G,B cut off PANEL W/B R,G,B Drive	1) Change white balance to "Warm". 2) In Low color temperature, repeat the procedures 1) to 5) of Cool mode.
4	· NTSC · PAL · DVI				1) Copy the R drive, G drive and B drive data obtained in above steps into NTSC, PAL and DVI area.

Color Temp.	x	y
Cool(Hi)	0.276	0.276
Normal(Mid)	0.288	0.296
Warm(Low)	0.313	0.329

Table 1 W/B adjustment value

Color temperature	R	G	B
High	A0-11AD	A0-11AE	A0-11AF
Medium	A0-11B0	A0-11B1	A0-11B2
Low	A0-11B3	A0-11B4	A0-11B5

Table 2 Drive data addresses (PC/RGB)

Color temperature	R	G	B
High	A0-1180	A0-1181	A0-1182
Medium	A0-1183	A0-1184	A0-1185
Low	A0-1186	A0-1187	A0-1188

Table 3 Drive data addresses (NTSC)

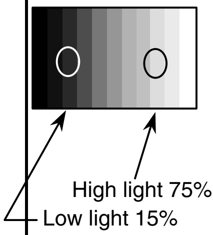
Color temperature	R	G	B
High	A0-1189	A0-118A	A0-118B
Medium	A0-118C	A0-118D	A0-118E
Low	A0-118F	A0-1190	A0-1191

Table 4 Drive data addresses (PAL)

Color temperature	R	G	B
High	A0-11B6	A0-11B7	A0-11B8
Medium	A0-11B9	A0-11BA	A0-11BB
Low	A0-11BC	A0-11BD	A0-11BE

Table 5 Drive data addresses (DVI)

11.2. HD/ 525ip /625ip panel white balance

<table>
<tr><th></th><th>INPUT</th><th>Equipment</th><th>Setting</th><th>Alignment menu</th><th>Procedure</th></tr>
<tr><td>1</td><td rowspan="3">HD
(YUV2_HD)
Gray Scale
Pattern
 </td><td rowspan="3">Color
Analyzer</td><td>Picture menu:
Standard
Picture:
25
White balance:
Cool
Aspect:
Full
Component/
RGB-IN Select:
RGB
IIC mode:
Panel W/B Adj
Color
temprature:
High</td><td>PANEL W/B
G Drive
PANEL W/B
B Drive
R Drive
PANEL W/B
R,G,B Drive
R,G,B Drive
PANEL W/B
R,G,B cut off</td><td>Note: · Before adjustment, color signal has not been displayed on panel.
· The pedestal adjustment has been done.
· The signal root must be A side.
1) Set G cut off to " 80 ".
2)Find 75% (amplitude) of white area by color sensor.
3) Set G Drive to " E0 ".
4) Adjust B and R Drive to set the High color temperature as shown Table 1.
5) Increase equaly R, G and B Drive to get the largest level of 3 color drive to "FC".
<table><tr><th>Color Temp.</th><th>x</th><th>y</th></tr><tr><td>Cool(Hi)</td><td>0.276</td><td>0.276</td></tr><tr><td>Normal(Mid)</td><td>0.288</td><td>0.296</td></tr><tr><td>Warm(Low)</td><td>0.313</td><td>0.329</td></tr></table>Table 1 W/B adjustment value</td></tr>
<tr><td>2</td><td>Picture menu:
Standard
White balance:
Normal
Aspect:
Full</td><td>PANEL W/B
R,G,B cut off
PANEL W/B
R,G,B Drive</td><td>1) Change white balance to "Normal".
2) In Mid color temperature, repeat the procedures 1) to 5) of Cool mode.</td></tr>
<tr><td>3</td><td>Picture menu:
Standard
White balance:
Warm
Aspect:
Full</td><td>PANEL W/B
R,G,B cut off
PANEL W/B
R,G,B Drive</td><td>1) Change white balance to "Warm".
2) In Low color temperature, repeat the procedures 1) to 5) of Cool mode.</td></tr>
<tr><td>4</td><td>· YUV1_525ip
· YUV3_625ip</td><td></td><td></td><td></td><td>1) Copy the R drive, G drive and B drive data obtained in above steps into YUV1_525ip, YUV3_625ip area.</td></tr>
</table>

Color temperature	R	G	B
High	A0-119B	A0-119C	A0-119D
Medium	A0-119E	A0-119F	A0-11A0
Low	A0-11A1	A0-11A2	A0-11A3

Table 2 Drive data addresses (YUV2_HD)

Color temperature	R	G	B
High	A0-1192	A0-1193	A0-1194
Medium	A0-1195	A0-1196	A0-1197
Low	A0-1198	A0-1199	A0-119A

Table 3 Drive data addresses (YUV1_525ip)

Color temperature	R	G	B
High	A0-11A4	A0-11A5	A0-11A6
Medium	A0-11A7	A0-11A8	A0-11A9
Low	A0-11AA	A0-11AB	A0-11AC

Table 4 Drive data addresses (YUV3_625ip)

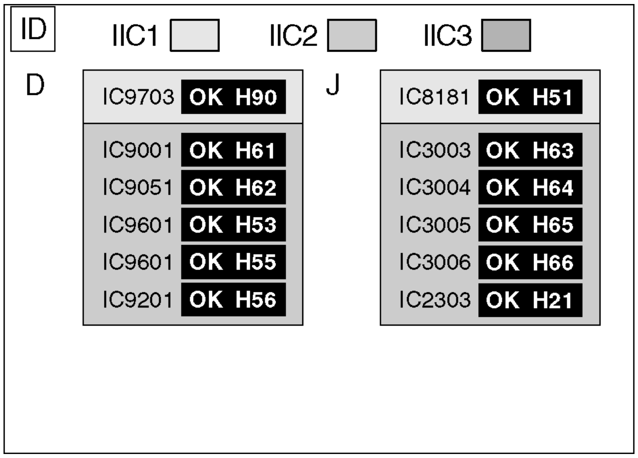
12 Trouble shooting guide

12.1. Self Check

12.1.1. Display Indication

1. Self-check is used to automatically check the bus line controlled circuit of the Plasma display.
2. To get into the Self-check mode, press the **volume down** button on the customer controls at the front of the set, at the same time pressing the **OFF-TIMER** button on the remote control, and the screen will show :-

If the CCU ports have been checked and found to be incorrect Or not located then " - - " will appear in place of " OK "



ID IIC1 ☐ IIC2 ▨ IIC3 ▨

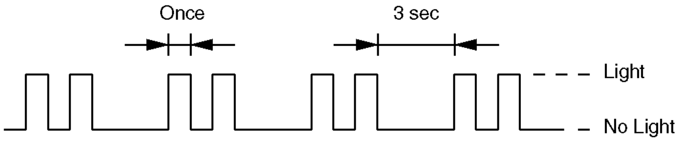
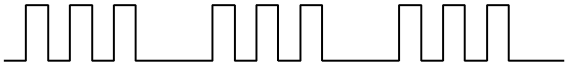
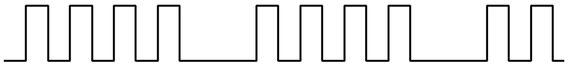
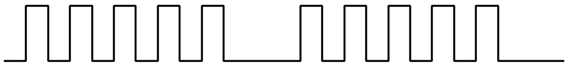
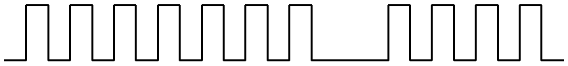
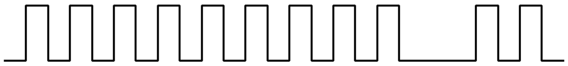
D		J	
IC9703	OK H90	IC8181	OK H51
IC9001	OK H61	IC3003	OK H63
IC9051	OK H62	IC3004	OK H64
IC9601	OK H53	IC3005	OK H65
IC9601	OK H55	IC3006	OK H66
IC9201	OK H56	IC2303	OK H21

12.1.2. Power LED Blinking timing chart

1. Subject

   Information of LED Flashing timing chart.
2. Contents

   When an abnormality has occurred the unit, the protection circuit operates and reset to the stand by mode. At this time, the defective block can be identified by the number of blinkes of the Power LED on the front panel of the unit.

Blinking times	Blinking timing	Contents & Check point
2		SCAN Driver1 (SC Energy recovery circuit)
3		3.3V SOS (P-Board)
4		5V SOS (D-Board)
5		Power SOS (P-Board)
7		SCAN Driver2 (SC floating Voltage area)
9		SUS Driver (SS Energy recovery circuit)

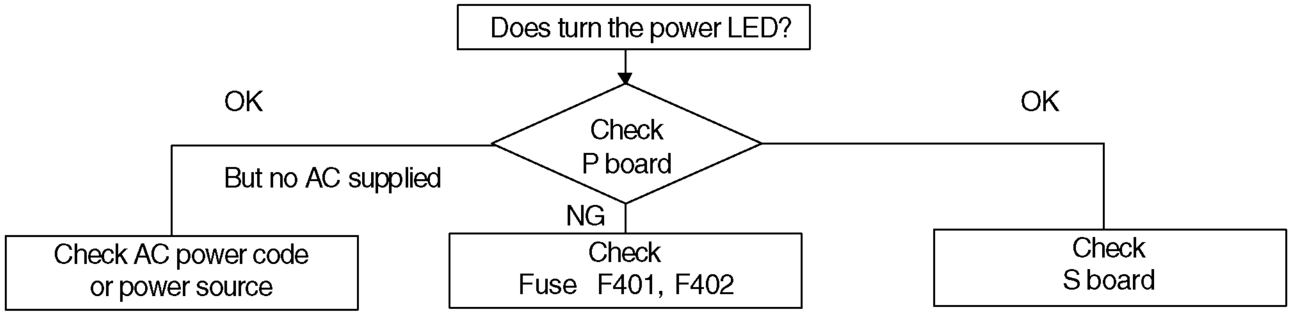
12.2. No Power

First check point

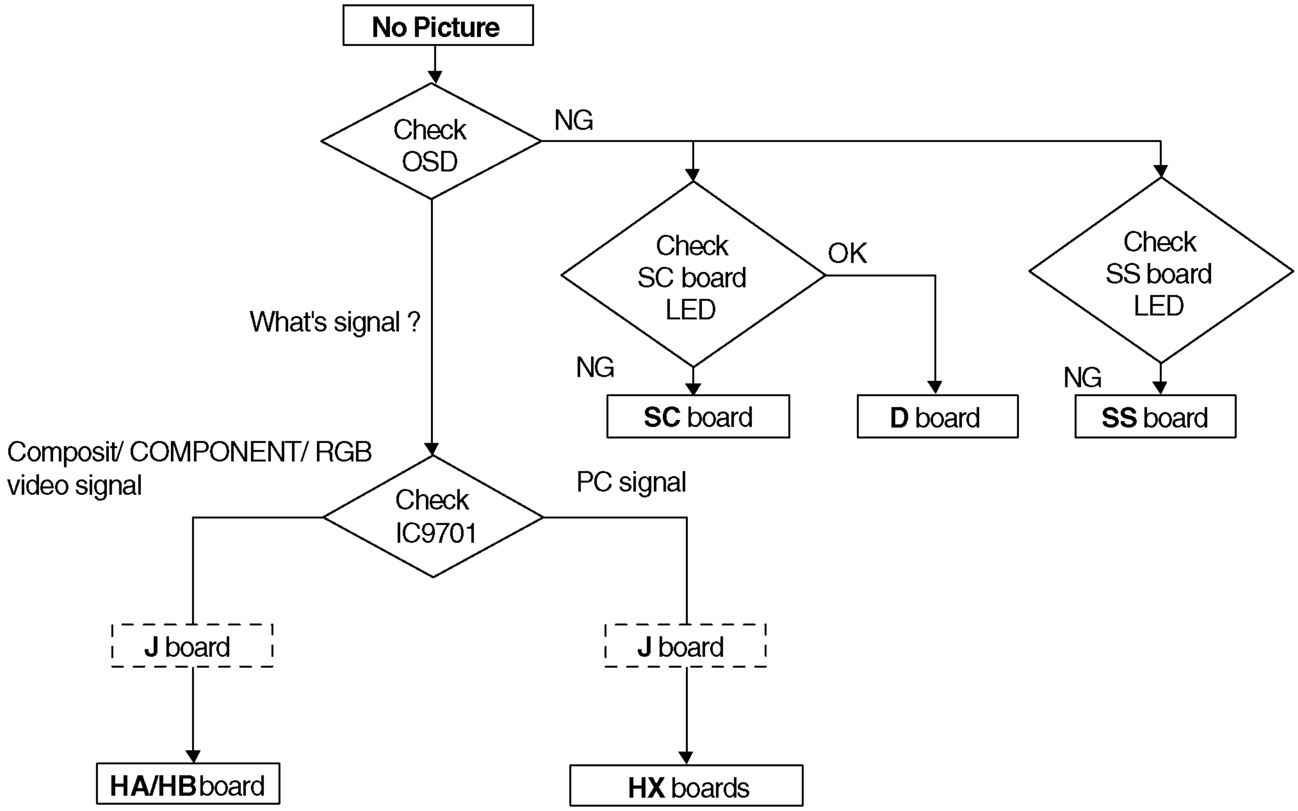
There are following 3 states of No Power indication by power LED.

1. No lit
2. Green is lit then turns red blinking a few seconds later.
3. Only red is lit.

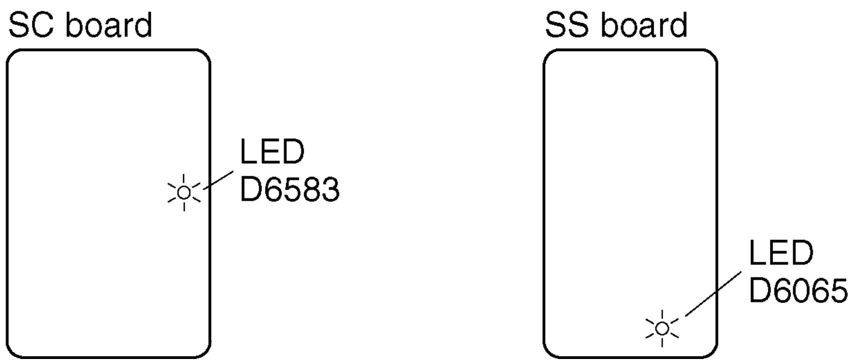
1. No lit


Does turn the power LED?
OK
OK
Check
P board
But no AC supplied
NG
Check AC power code
or power source
Check
Fuse F401, F402
Check
S board

12.3. No Picture

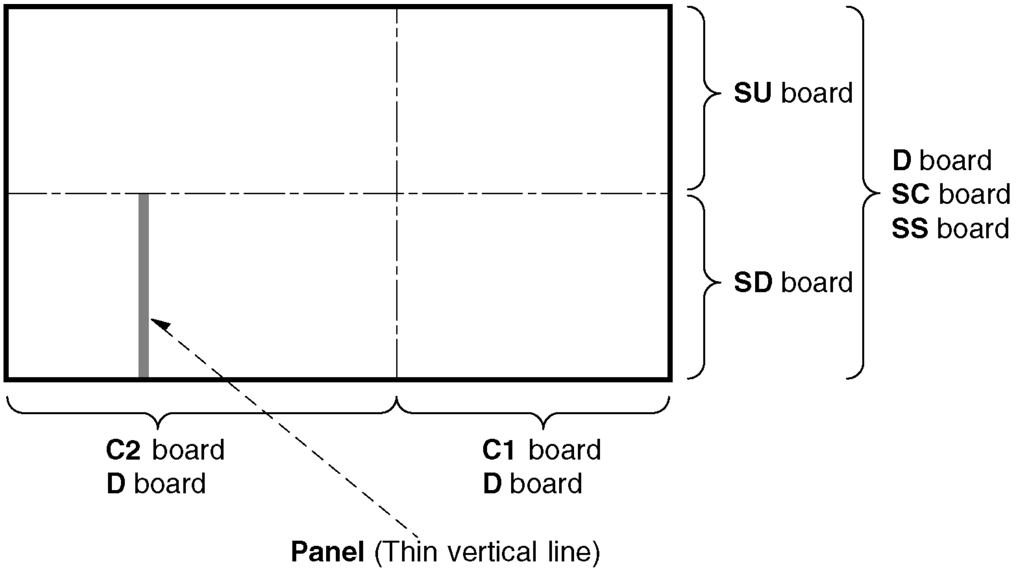

No Picture
Check
OSD
NG
Check
SC board
LED
OK
Check
SS board
LED
What's signal ?
NG
NG
SC board
D board
SS board
Composit/ COMPONENT/ RGB
video signal
Check
IC9701
PC signal
J board
J board
HA/HB board
HX boards

Drive circuits LED indicator


SC board
LED
D6583
SS board
LED
D6065

12.4. Local screen failure

Plasma display may have local area failure on the screen. Fig - 1 is the possible defect P.C.B. for each local area.


SU board
SD board
D board
SC board
SS board
C2 board
D board
C1 board
D board
Panel (Thin vertical line)

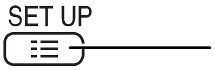
<Local screen failure chart>

Fig - 1

13 Option Setting

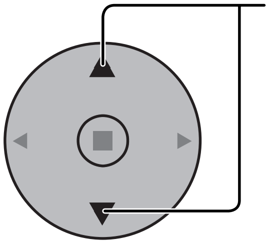
How to access the Option menu

1

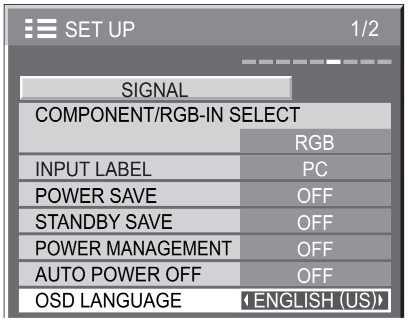


Press to display the Setup menu.

2

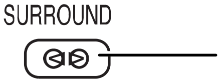


Press to select “OSD Language”.



COMPONENT/RGB-IN SELECT	RGB
INPUT LABEL	PC
POWER SAVE	OFF
STANDBY SAVE	OFF
POWER MANAGEMENT	OFF
AUTO POWER OFF	OFF
OSD LANGUAGE	ENGLISH (US)

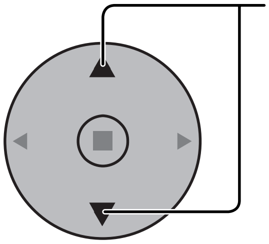
3



Press and hold until the Options menu is displayed.

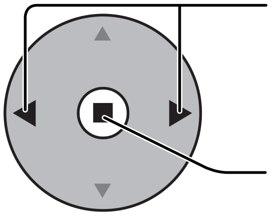
Setting the Option menus

1



Press to select your preferred menu.

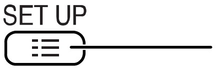
2



Press to adjust the menu.

Press to confirm

3



Press to exit from
Options menu.

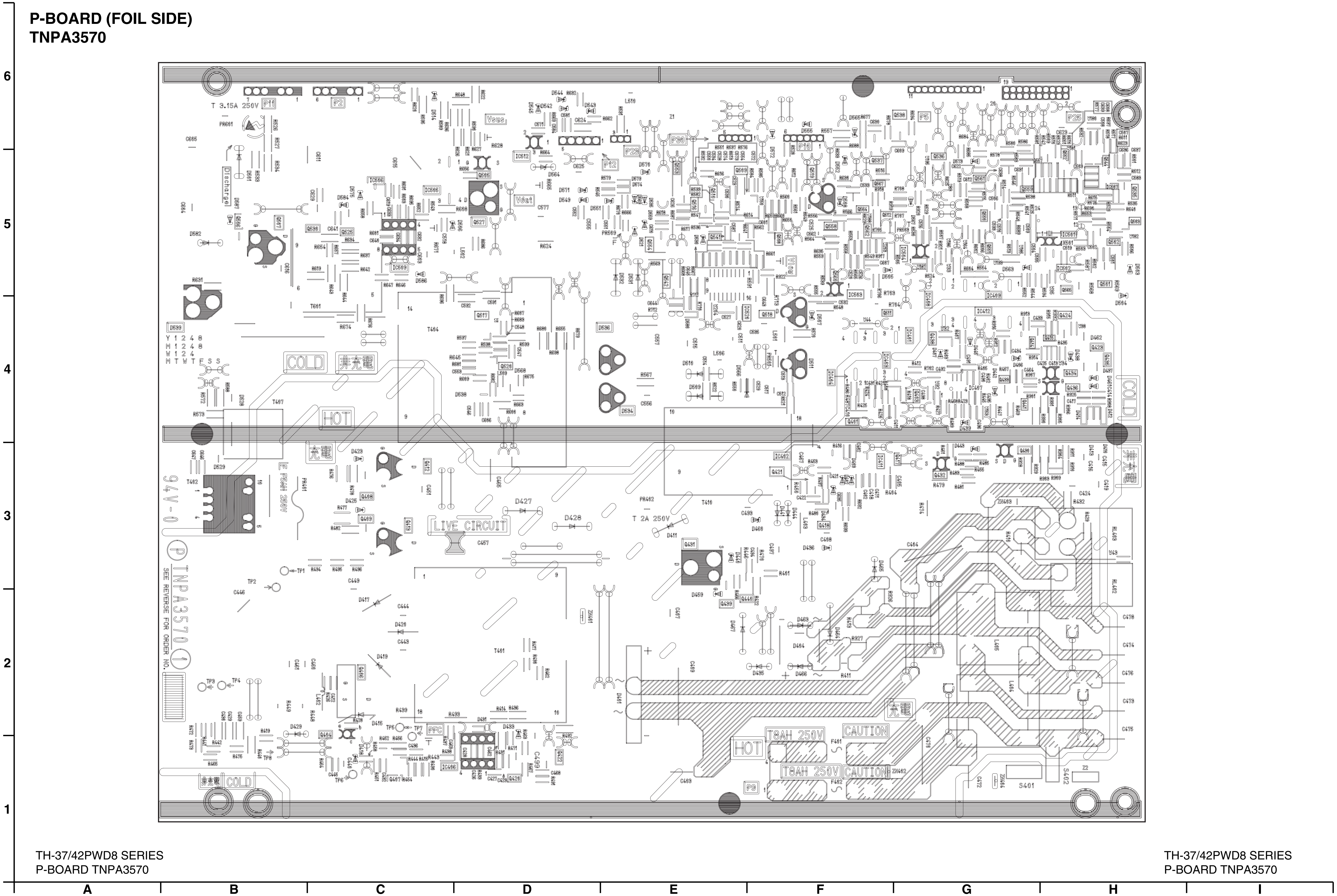
Hidden Option Menu for GP8D series

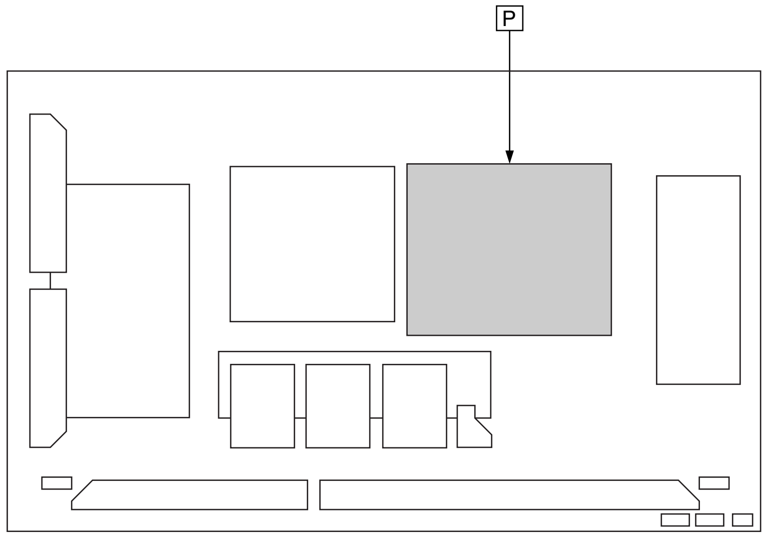
GP8D chassis series have special function and operation setting facility called Option Menu. This Option Menu is useful for special function required customers. This should be set at the installation stage. The end user could not set or change these because of hidden On screen menu.

Option menus	default setting	Contents
Off-timer function	Enable	Off-timer operation Enable/Disable.
On Screen display	On	Enable/Disable to display input mode indication after power on and no signal indication.
Initial INPUT	Off	Sets the initial input mode when the power is turned on . Allow input mode selection while power is on.
Initial VOL. level	Off	Sets the initial volume level when the power is turned on. Allow Volume control while power is on.
Maximum VOL. Level	Off	Sets the maximum volume to desired level. Volume cannot exceed this level.
INPUT lock	Off	Fixes the input mode to AV, Component/RGB or PC. Can not change input mode by input selection key.
Studio W/B	Off	Set warm mode color temperature to 3,200 Kelvin.
Advanced PIP	Off	Off : Sets normal two screen display mode. On : Sets Advanced PIP mode.
Display size	Off	Adjusts the image display size on screen. On : Sets the image display size approximately 95% of the normal image display.
Button lock	Off	Enable/Disable front operation buttons (Input and/or volume up/down)
Remocon User Level	Off	Remote key invalidation. Off : Valid key is all key of remote. User1 : Valid key are only Stand-by (ON/OFF), Input, Status, Surround, Sound mute On/Off, and volume adjustment. User2 : Valid key is only Stand-by (ON/OFF). User3 : All keys are null and void
ID Select	0 to 100	Set ID number from 001 to 100.
Remote ID	Off	Remote ID function On/Off. (While the Remote ID on, standard remote function can not control the unit.)
Serial ID	Off	Serial ID function On/Off
Slot power	Off	Sets the slot power mode the power is turned on. Allow Optional Terminal Board insert Slots while power is on.
V. Installation	Off	V. Installation function On/Off (Not used)
Rotate	Off	Screen rotates 180°dgrees (up-down)

14 Circuit Board Layout

14.1. P-Board


P-BOARD (FOIL SIDE)
TNPA3570
6
5
4
3
2
1
A
B
C
D
E
F
G
H
I
COLD
HOT
LIVE CIRCUIT
CAUTION
T8AH 250V
T 3.15A 250V
T 2A 250V
TNPA3570
SEE REVERSE FOR ORDER NO.
94V-0
Discharge
TH-37/42PWD8 SERIES
P-BOARD TNPA3570



Parts Location

P-BOARD (FOIL SIDE)

IC	
IC401	G-4
IC402	F-3
IC403	F-4
IC404	F-4
IC406	D-1
IC407	G-4
IC408	G-4
IC409	G-5
IC411	F-3
IC412	G-4
IC431	F-4
IC501	H-5
IC502	H-5
IC503	F-5
IC504	G-5
IC505	C-5
IC506	C-5
IC507	H-5
IC509	C-5
IC512	D-6
IC520	E-5

TRANSISTOR	
Q401	F-4
Q403	G-4
Q404	C-2
Q406	C-2
Q407	C-1
Q408	C-3
Q409	C-3
Q412	C-3
Q413	C-3
Q414	G-4
Q415	H-4
Q417	G-3
Q418	F-3
Q420	D-1
Q421	F-3
Q422	D-1
Q423	H-4
Q424	H-4
Q430	G-3
Q431	E-3
Q432	G-3
Q433	G-4
Q434	H-4
Q435	H-4
Q436	H-4
Q438	G-4
Q439	E-2
Q440	E-2
Q441	G-4
Q501	H-5
Q502	H-5
Q503	H-5
Q505	D-5
Q506	B-5
Q507	B-5
Q508	F-5
Q509	E-5
Q510	E-5
Q511	F-4
Q512	F-5
Q516	E-5
Q517	D-4
Q518	F-4
Q519	F-5
Q520	D-4
Q525	C-5
Q527	D-5
Q530	C-5
Q535	H-5
Q536	G-5
Q537	F-5
Q538	G-6
Q541	E-5
Q542	E-5
Q544	H-5
Q550	G-5
Q551	G-5
Q552	H-5
Q553	E-5
Q554	E-5
Q557	G-5
Q558	F-5
Q559	G-5
Q560	F-5
Q561	G-5
Q562	F-5
Q564	F-5
Q565	H-5
Q567	F-5

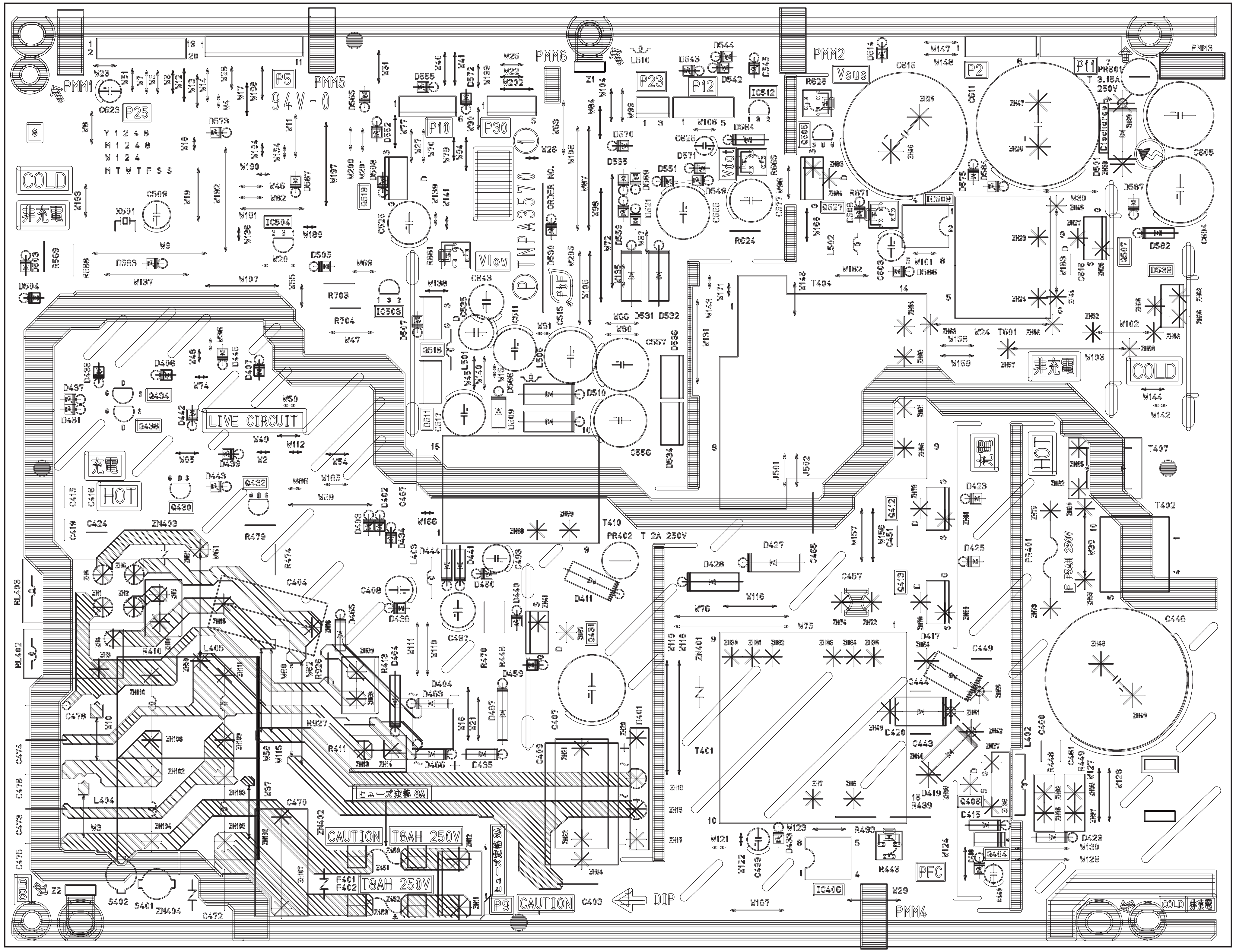
TP	
TP1	B-3
TP2	B-3
TP3	B-2
TP4	B-2
TP5	C-2
TP6	C-1
TP7	C-1
TP8	B-1

Parts Location

P-BOARD (COMPONENT SIDE)

IC		TRANSISTOR	
IC406	F-1	Q404	G-1
IC503	D-5	Q406	G-2
IC504	C-5	Q412	G-3
IC509	G-5	Q413	G-3
IC512	F-6	Q430	B-3
		Q431	D-3
		Q432	C-3
		Q434	B-4
		Q436	B-4
		Q505	F-5
		Q507	G-5
		Q518	D-4
		Q519	D-5
		Q527	F-5

P-BOARD (COMPONENT SIDE)
TNPA3570


PMM1
PMM2
PMM3
PMM4
PMM5
PMM6
P2
P5
P9
P10
P11
P12
P23
P25
P30
Vsus
Vdat
Vlow
PFC
94V-0
TNPA3570
ORDER NO.
COLD
HOT
LIVE CIRCUIT
CAUTION
T8AH 250V
F401
F402
PR401
PR402 T 2A 250V
PR601 T 3.15A 250V
Discharge
T401
T402
T404
T407
T410
T601
IC406
IC503
IC504
IC509
IC512
J501
J502
RL402
RL403
S401
S402
C446
C605
C611
C615
DIP
6
5
4
3
2
1
A
B
C
D
E
F
G
H
I

TH-37/42PWD8 SERIES
P-BOARD TNPA3570

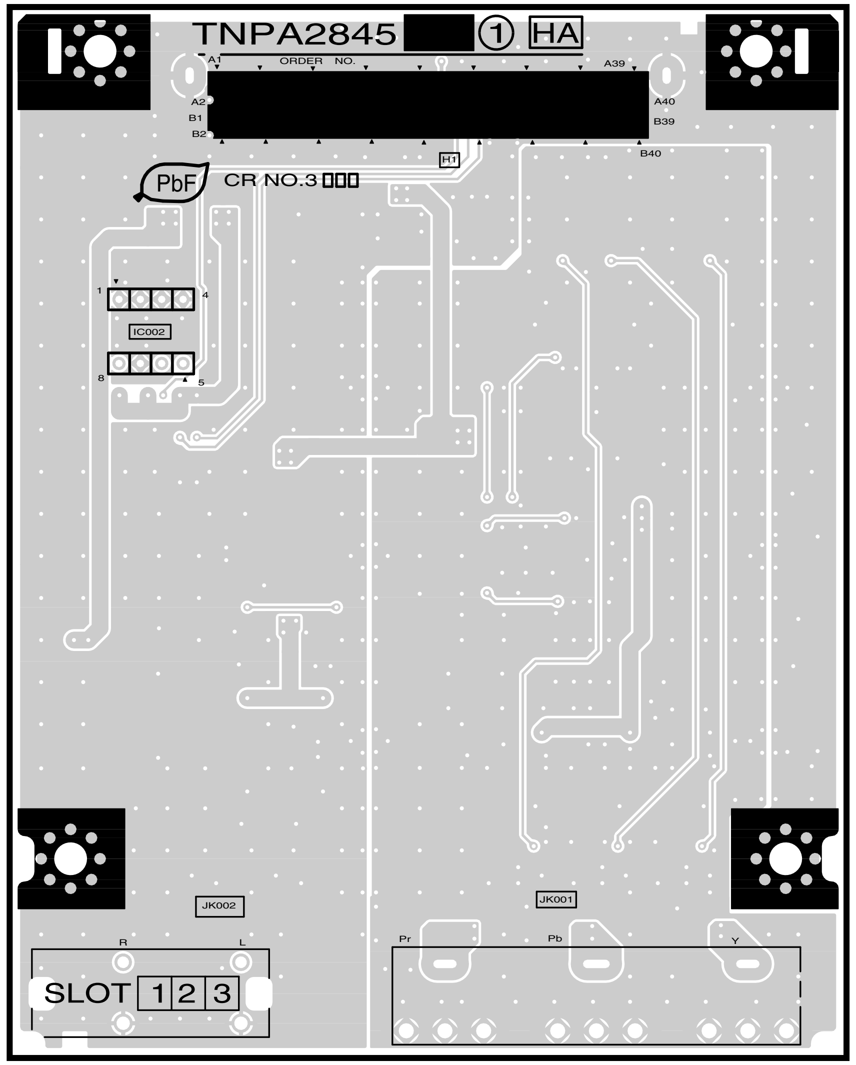
TH-37/42PWD8 SERIES
P-BOARD TNPA3570

14.2. HA-Board

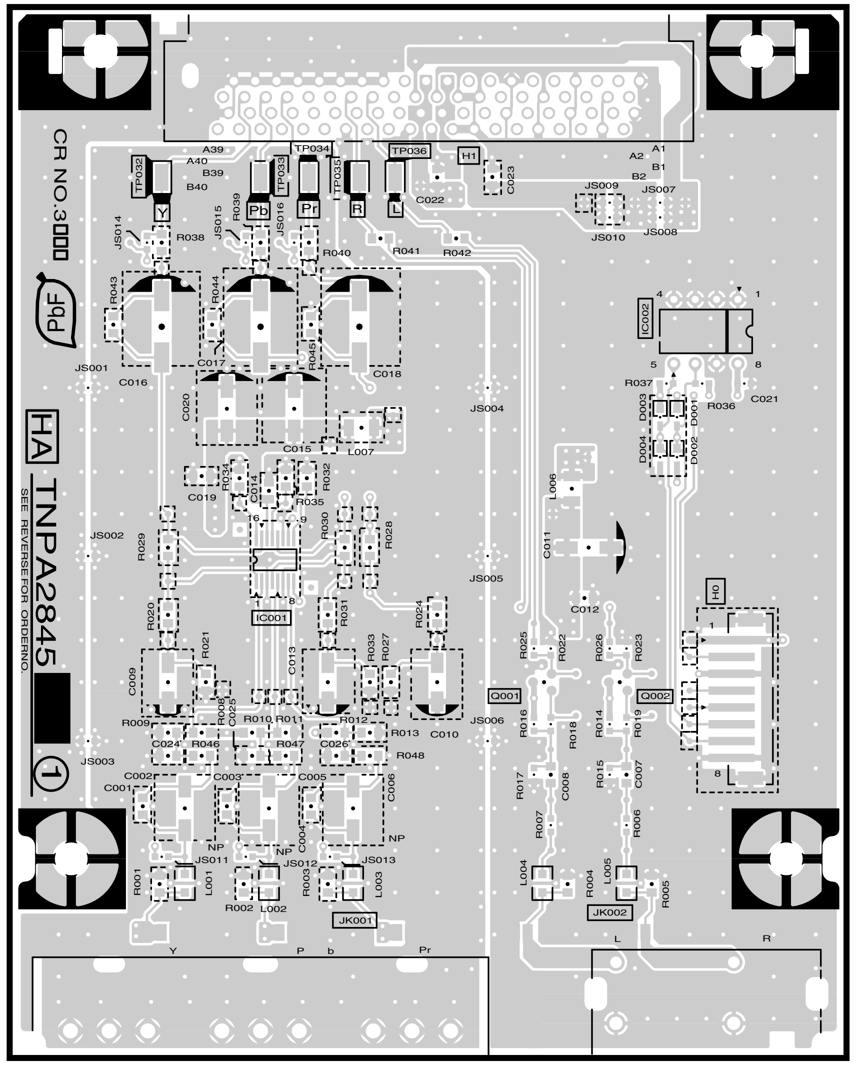
6

5

HA-BOARD(FOIL SIDE)
TXNHA10RBS


TNPA2845
①
HA
A1
ORDER NO
A39
A2
B1
B2
A40
B39
B40
H1
PbF
CR NO.3
IC002
JK002
JK001
R
L
Pr
Pb
Y
SLOT 1 2 3

HA-BOARD(COMPONENT SIDE)
TXNHA10RBS


CR NO.3
PbF
HA
TNPA2845
SEE REVERSE FOR ORDERNO.
①
TP032
TP033
TP034
TP035
TP036
Y
Pb
Pr
R
L
H1
C022
C023
JS009
JS007
JS010
JS008
IC002
C021
R036
R037
JS001
JS002
JS003
JS004
JS005
JS006
IC001
Q001
Q002
JK001
JK002
Y
P b
Pr
L
R

Parts Location

HA-BOARD			
IC		**TP**	
IC3001	E-3	TP3032	E-4
IC3002	F-4	TP3033	E-4
TRANSISTOR		TP3034	E-4
Q3001	F-2	TP3035	E-4
Q3002	F-2	TP3036	E-4

4

3

2

1

A B C D E F G H I

14.3. HB-Board

6

5

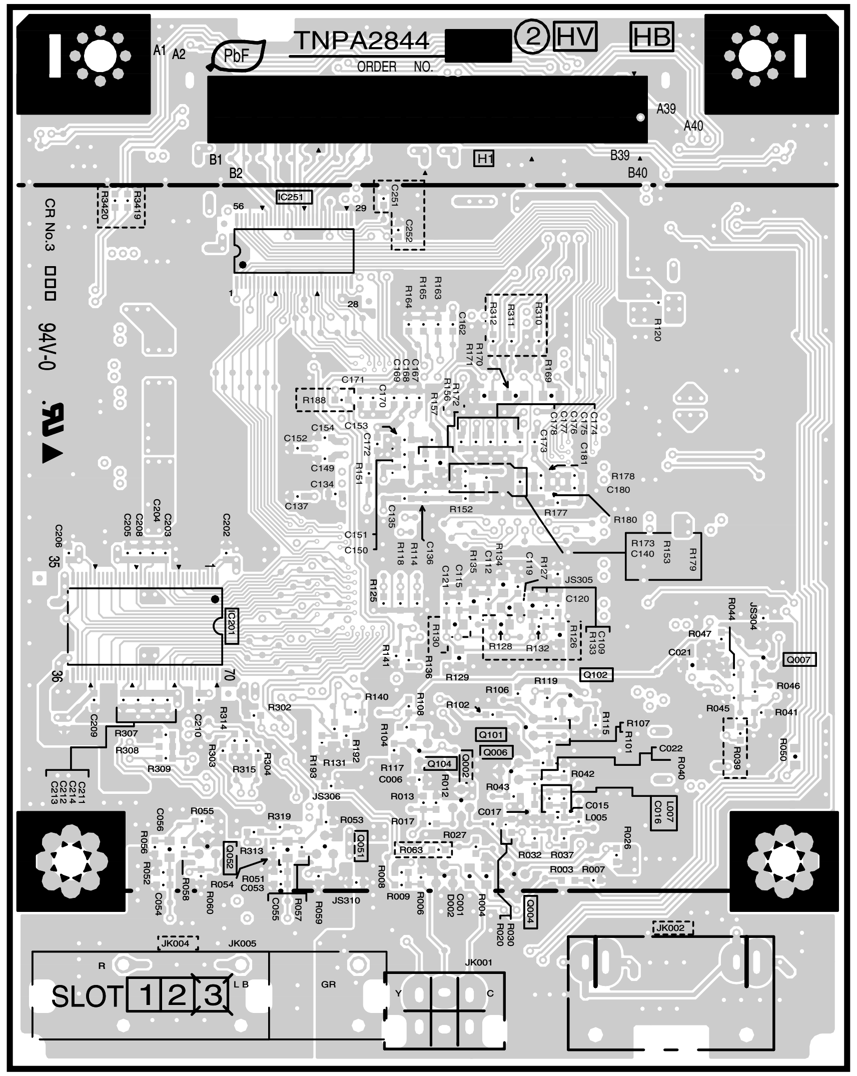
4

3

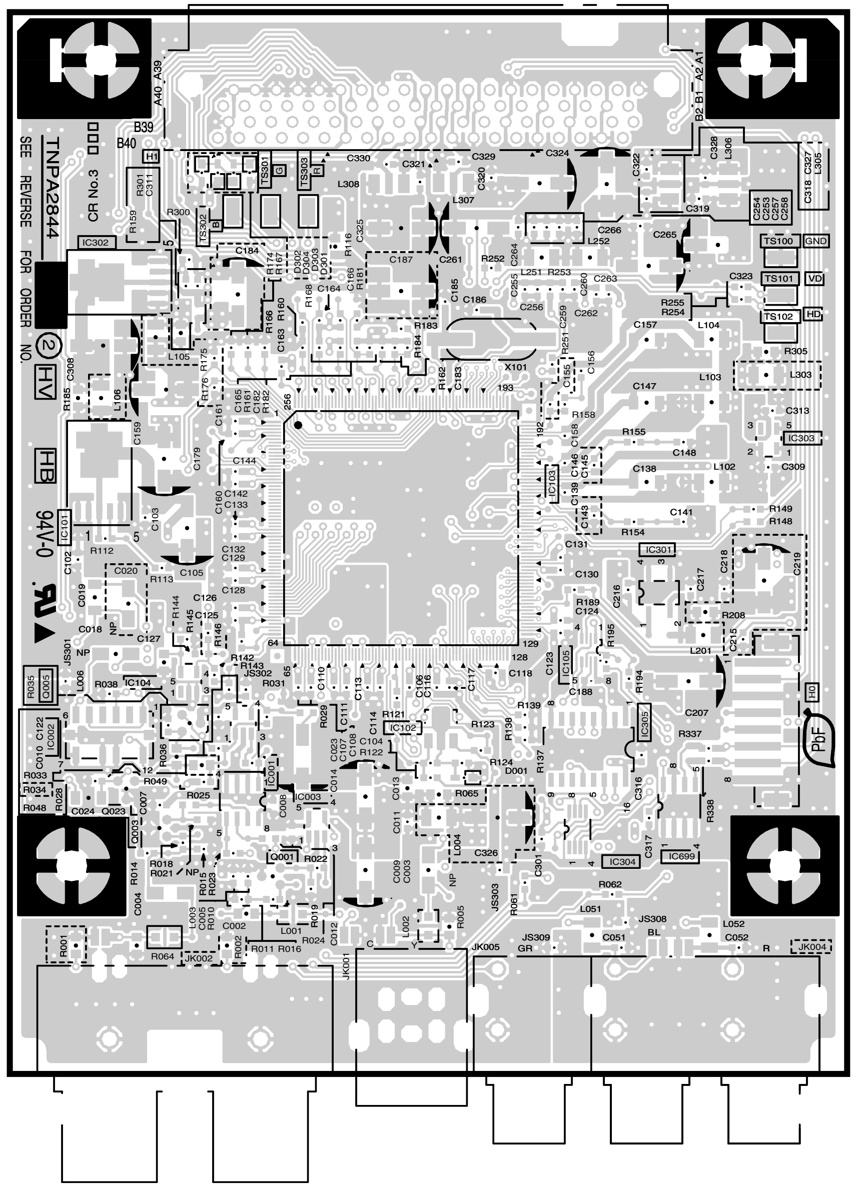
2

1

HB-BOARD(FOIL SIDE)
TXNHB10QXS


TNPA2844
ORDER NO.
HV
HB
PbF
CR No.3
94V-0
A1
A2
A39
A40
B1
B2
B39
B40
IC251
IC201
SLOT 1 2 3
JK004
JK005
JK001
JK002
GR

HB-BOARD(COMPONENT SIDE)
TXNHB10QXS


TNPA2844
SEE REVERSE FOR ORDER NO.
CR No.3
HV
HB
94V-0
PbF
TS100 GND
TS101 VD
TS102 HD
IC301
IC302
IC303
IC304
IC699
X101
JK004
JK005
JK006
JS309 GR
JS308 BL

Parts Location

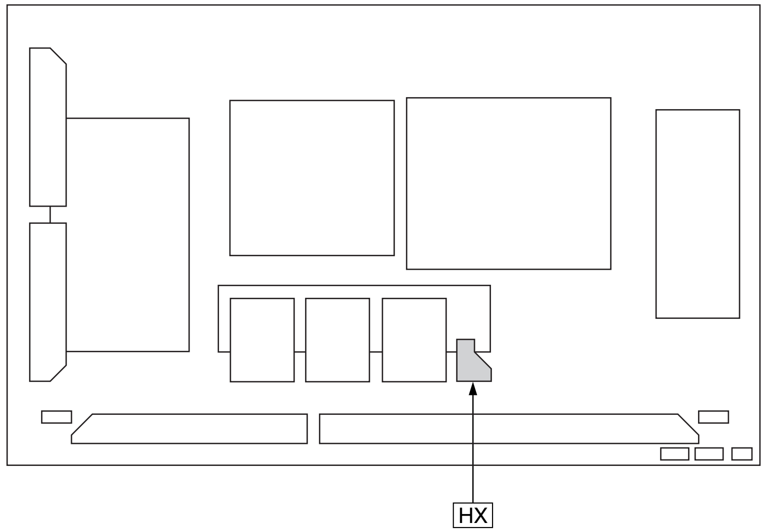
HB-BOARD			
IC		**TRANSISTOR**	
IC3001	E-2	Q3001	E-2
IC3002	D-2	Q3002	B-2
IC3003	E-2	Q3003	E-2
IC3101	D-3	Q3004	C-2
IC3102	E-2	Q3005	D-2
IC3103	F-3	Q3006	B-2
IC3104	E-2	Q3007	C-2
IC3105	F-2	Q3023	D-2
IC3201	B-3	Q3051	B-2
IC3251	B-4	Q3052	B-2
IC3301	F-3	Q3101	B-2
IC3302	D-4	Q3102	C-2
IC3303	G-3	Q3104	B-2
IC3304	F-2	**TP**	
IC3305	F-2	TS3100	G-4
IC3699	F-2	TS3101	G-4
		TS3102	G-4
		TS3301	E-4
		TS3302	E-4
		TS3303	E-4

TH-37/42PWD8BK/BS/EK/ES/UK
HB-BOARD TXNHB10QXS

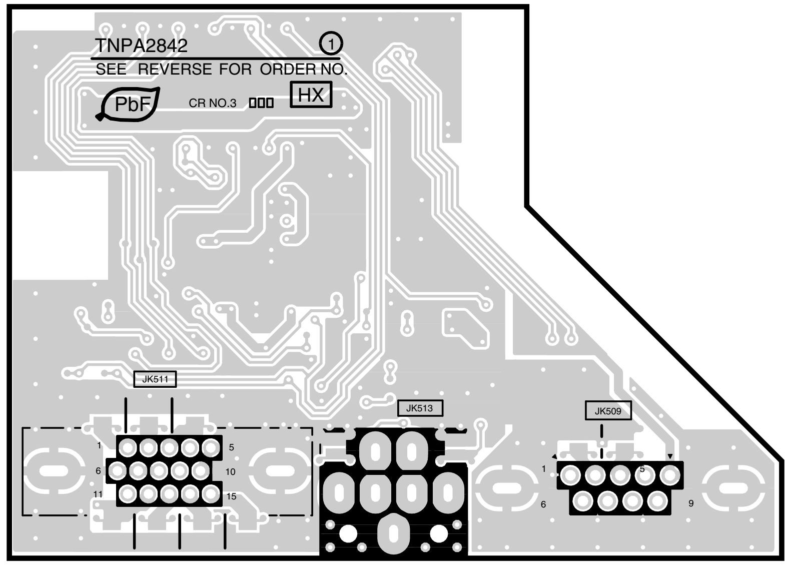
TH-37/42PWD8BK/BS/EK/ES/UK
HB-BOARD TXNHB10QXS

A B C D E F G H I

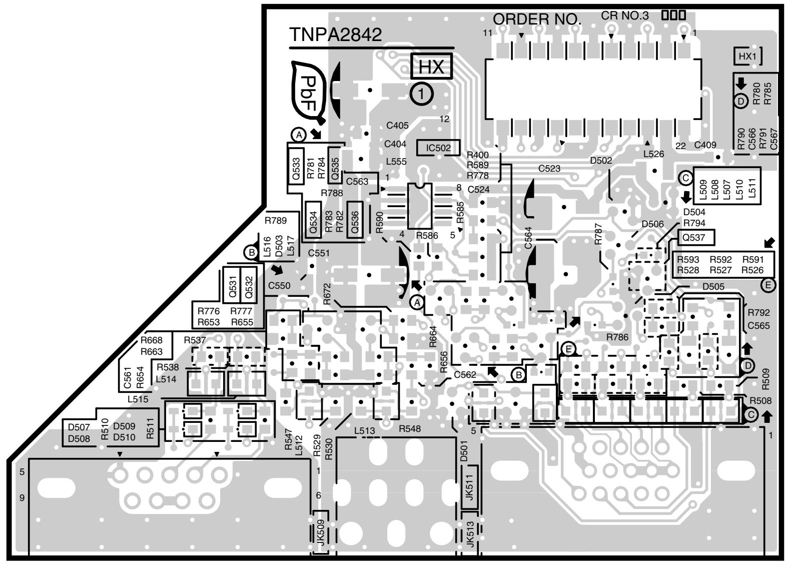
14.4. HX-Board (37 inch)



HX-BOARD(FOIL SIDE)
TZTNP020YLS


TNPA2842
①
SEE REVERSE FOR ORDER NO.
PbF
CR NO.3
HX
JK511
JK513
JK509

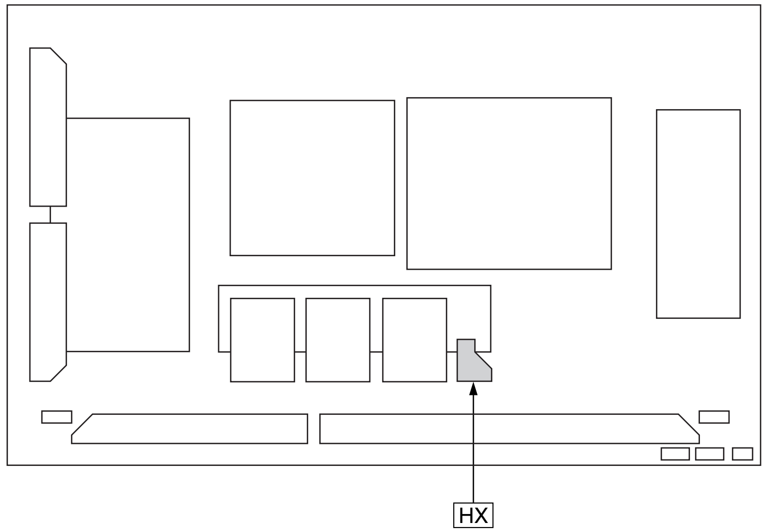
HX-BOARD(COMPONENT SIDE)
TZTNP020YLS


TNPA2842
ORDER NO.
CR NO.3
HX
①
PbF
HX1
IC502
C405
C404
L555
C563
C523
C524
C409
C551
C550
C561
C562
C565
D502
D504
D505
D506
D507
D508
D509
D510
D501
Q537
L513
L515
L526
R548
R786
R787
R789
JK511
JK513
JK509

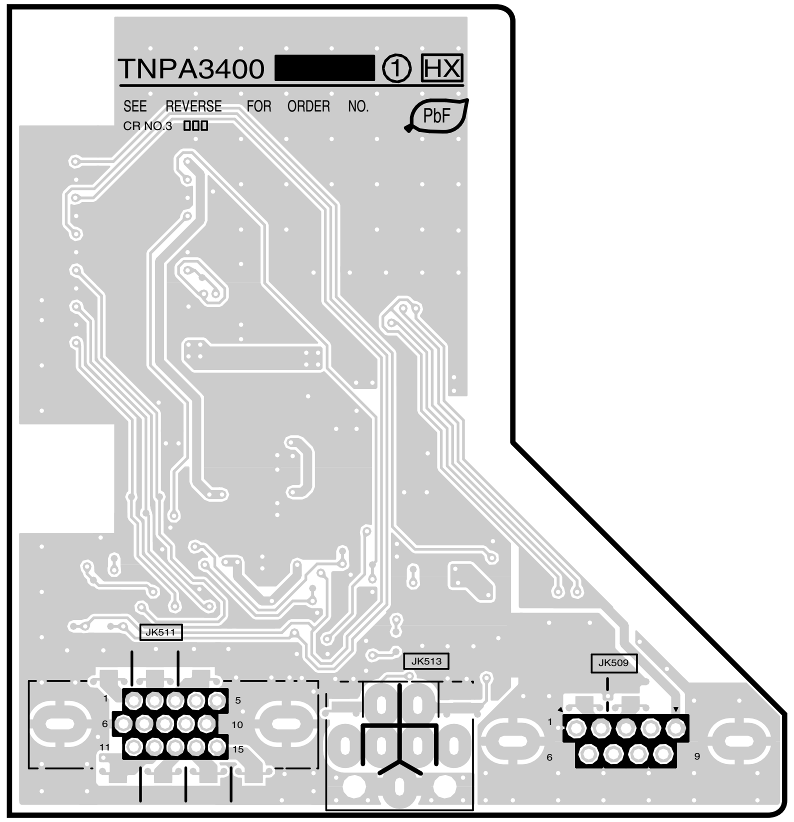
Parts Location

HX-BOARD			
IC		TRANSISTOR	
IC3502	E-4	Q3531	D-4
		Q3532	D-4
		Q3533	E-4
		Q3534	E-4
		Q3535	E-4
		Q3536	E-4
		Q3537	F-4

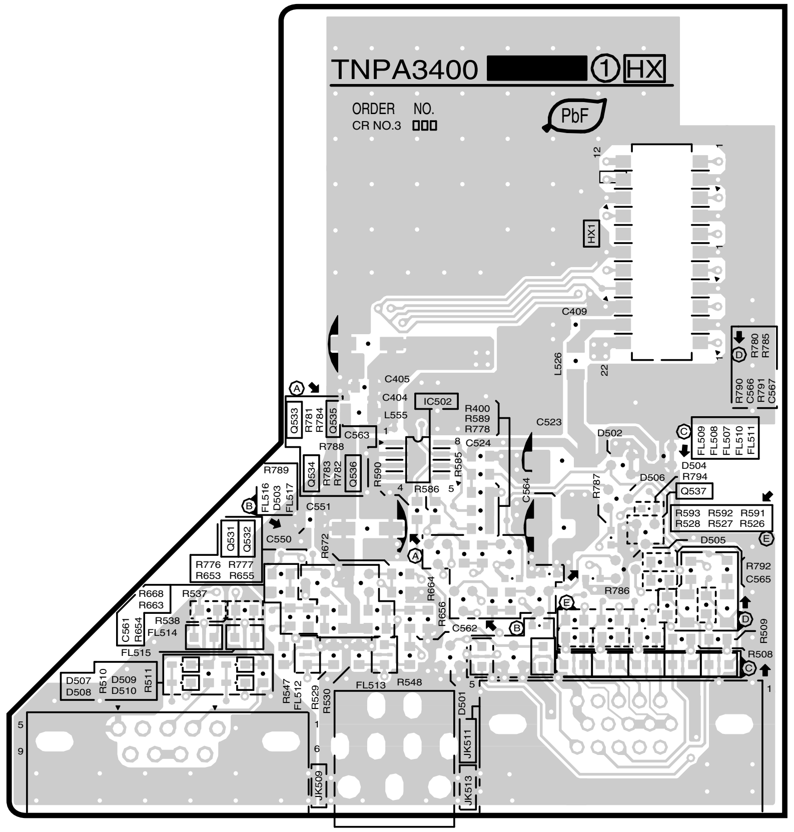
14.5. HX-Board (42 inch)



HX-BOARD(FOIL SIDE)
TZTNP020YNS


TNPA3400
① HX
SEE REVERSE FOR ORDER NO.
CR NO.3
PbF
JK511
JK513
JK509
1
5
6
10
11
15
1
6
9

HX-BOARD(COMPONENT SIDE)
TZTNP020YNS


TNPA3400
① HX
ORDER NO.
CR NO.3
PbF
12
HX1
1
22
C409
L526
R780
R785
R790
C566
R791
C567
C405
C404
IC502
L555
R400
R589
R778
C523
Q533
R781
R784
Q535
C563
R788
C524
R789
Q534
R783
R782
Q536
R590
R585
R586
FL516
D503
FL517
C551
C550
Q531
Q532
R672
C564
R787
D502
FL509
FL508
FL507
FL510
FL511
D504
R794
D506
Q537
R593
R592
R591
R528
R527
R526
D505
R776
R777
R653
R655
R664
R656
R786
R792
C565
R668
R663
R537
R538
C561
R654
FL514
FL515
C562
R509
R508
D507
D508
R510
D509
D510
R511
R547
FL512
R529
R530
FL513
R548
D501
JK511
JK509
JK513
5
9
1
6
A
B
C
D
E
1
2
3
4
5
6
A
B
C
D
E
F
G
H
I

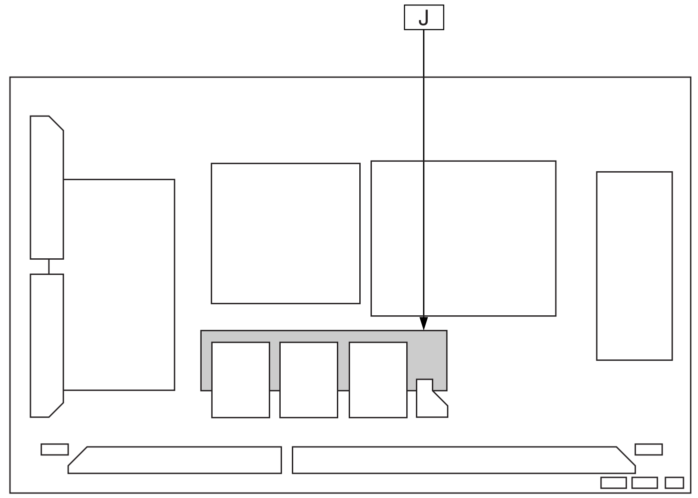
Parts Location

HX-BOARD			
IC		TRANSISTOR	
IC3502	E-4	Q3531	D-3
		Q3532	D-3
		Q3533	E-3
		Q3534	E-3
		Q3535	E-3
		Q3536	E-3
		Q3537	F-3

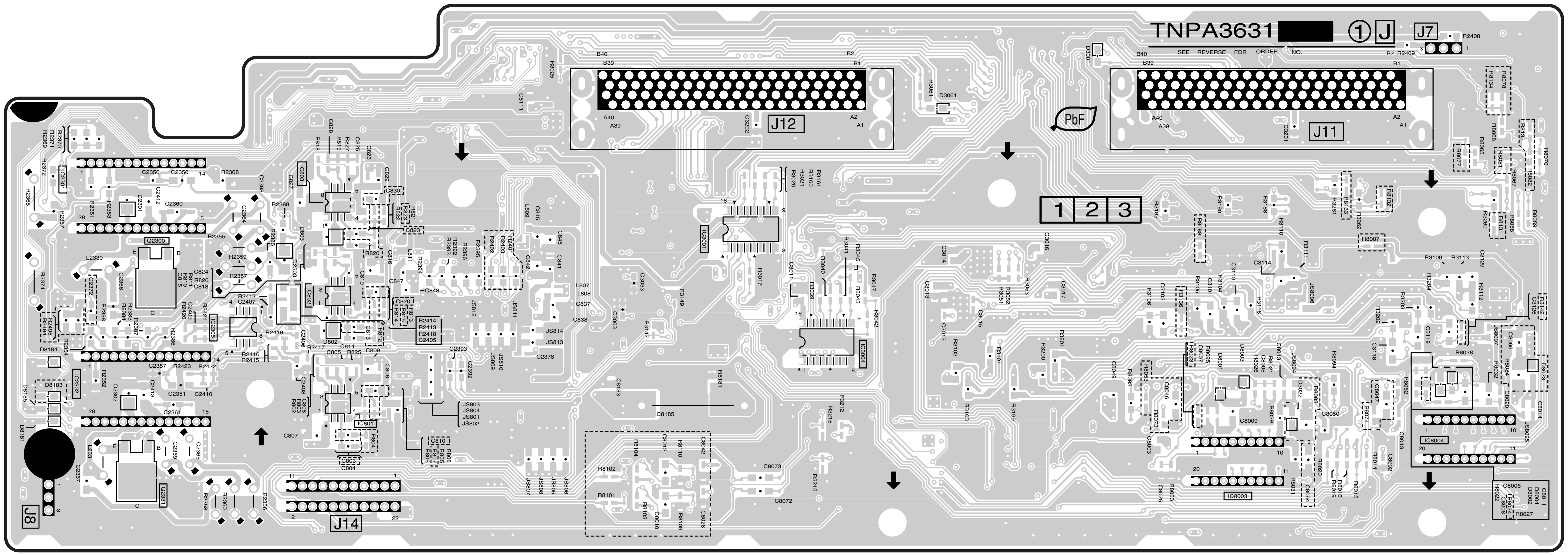
14.6. J-Board (37 inch)

Parts Location

J-BOARD (FOIL SIDE)			
IC		TRANSISTOR	
IC801	C-2	Q2300	B-3
IC802	B-2	Q2331	B-1
IC803	B-3		
IC2301	A-3		
IC2302	A-2		
IC2305	B-2		
IC3001	E-3		
IC3004	E-2		
IC8003	G-1		
IC8004	I-2		



J-BOARD(FOIL SIDE)
TNPA3631AB

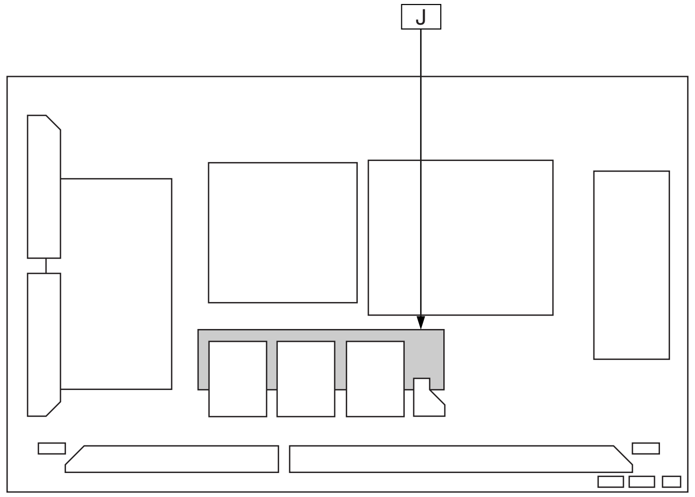

6
5
4
3
2
1
A
B
C
D
E
F
G
H
I
TNPA3631
① J
J7
J12
J11
J14
J8
PbF
1 2 3
SEE REVERSE FOR ORDER NO.
IC801
IC802
IC803
IC2301
IC2302
IC2305
IC3001
IC3004
IC8003
IC8004
Q2300
Q2331

TH-37PWD8 SERIES
J-BOARD TNPA3631AB

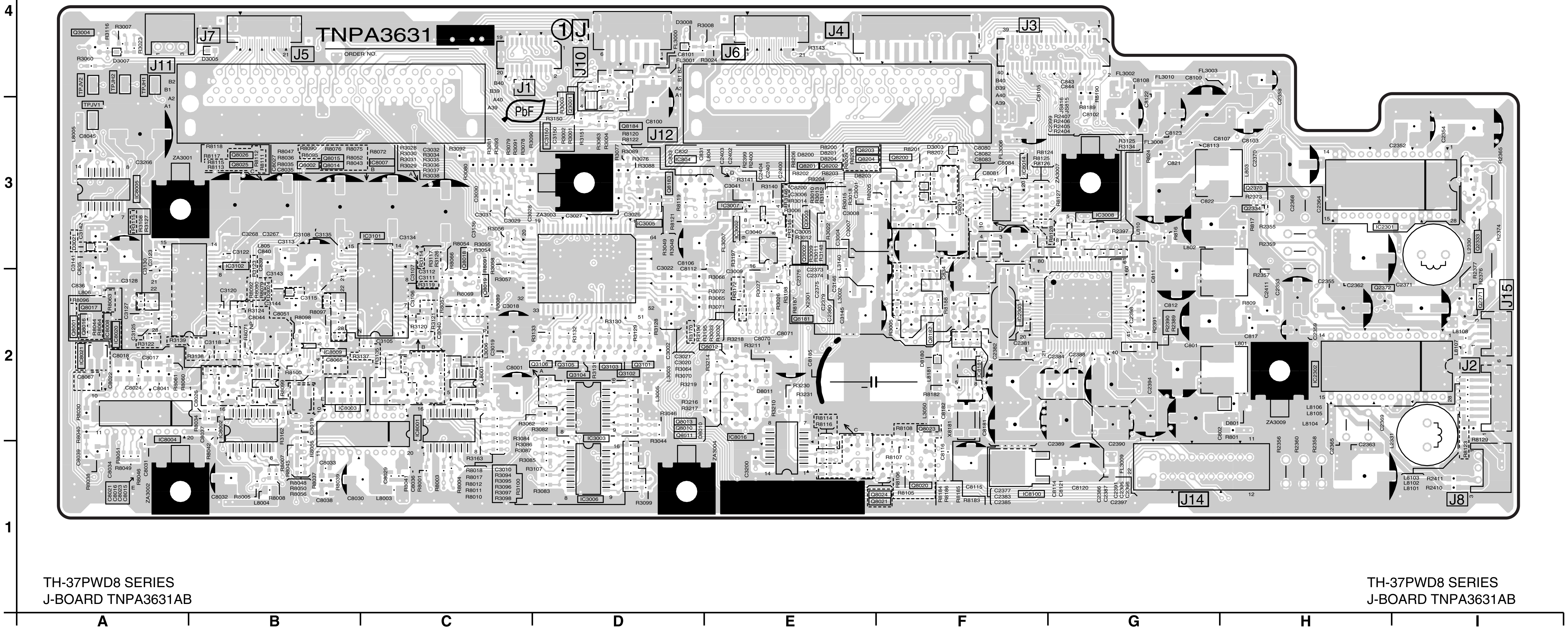
TH-37PWD8 SERIES
J-BOARD TNPA3631AB

Parts Location

J-BOARD (COMPONENT SIDE)	
IC	
IC804	D-3
IC2301	H-3
IC2302	H-2
IC2303	F-2
IC3002	E-3
IC3003	D-2
IC3005	D-3
IC3006	D-1
IC3007	E-3
IC3008	G-3
IC3101	C-3
IC3102	B-3
IC3150	D-3
IC8001	C-2
IC8002	B-2
IC8003	B-2
IC8004	A-2
IC8005	A-3
IC8007	C-3
IC8008	A-2
IC8009	B-2
IC8014	F-3
IC8016	E-2
IC8020	A-2
IC8021	A-2
IC8100	F-1
IC8181	F-2
TRANSISTOR	
Q2333	I-3
Q2334	H-3
Q2370	H-3
Q2371	I-2
Q2372	H-2
Q3001	D-3
Q3002	E-3
Q3003	E-3
Q3004	A-4
Q3101	D-2
Q3102	D-2
Q3103	D-2
Q3104	D-2
Q3105	D-2
Q3106	D-2
Q8001	A-2
Q8002	B-3
Q8010	D-2
Q8011	D-2
Q8012	E-2
Q8013	D-2
Q8014	B-3
Q8015	B-3
Q8016	A-2
Q8017	A-2
Q8018	C-3
Q8019	C-2
Q8020	F-1
Q8021	F-1
Q8023	F-2
Q8024	F-1
Q8025	B-1
Q8026	B-3
Q8181	E-2
Q8182	F-2
Q8183	D-3
Q8184	D-3
Q8200	F-3
Q8201	E-3
Q8202	E-3
Q8203	E-3
Q8204	E-3
TP	
TPJH1	A-4
TPJH2	A-4
TPJV1	A-3
TPJV2	A-4



J-BOARD(COMPONENT SIDE)
TNPA3631AB



TH-37PWD8 SERIES
J-BOARD TNPA3631AB

TH-37PWD8 SERIES
J-BOARD TNPA3631AB

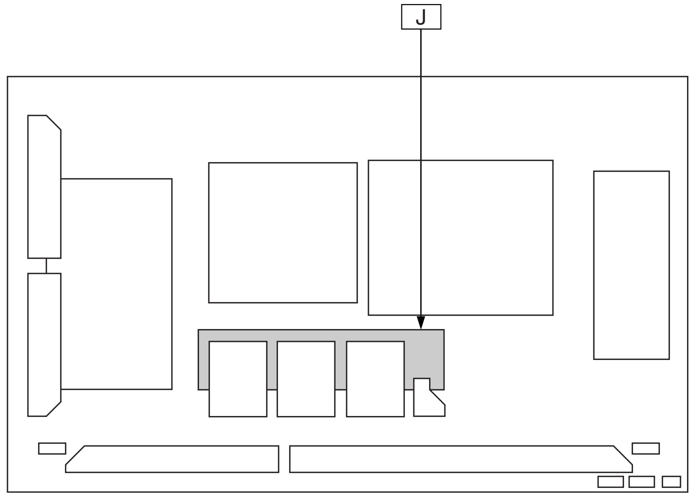
14.7. J-Board (42 inch)

6

5

Parts Location

J-BOARD (FOIL SIDE)			
IC		TRANSISTOR	
IC2301	A-3	Q3002	D-3
IC2302	B-3	Q3003	D-2
IC8003	H-2		
IC8004	I-2		



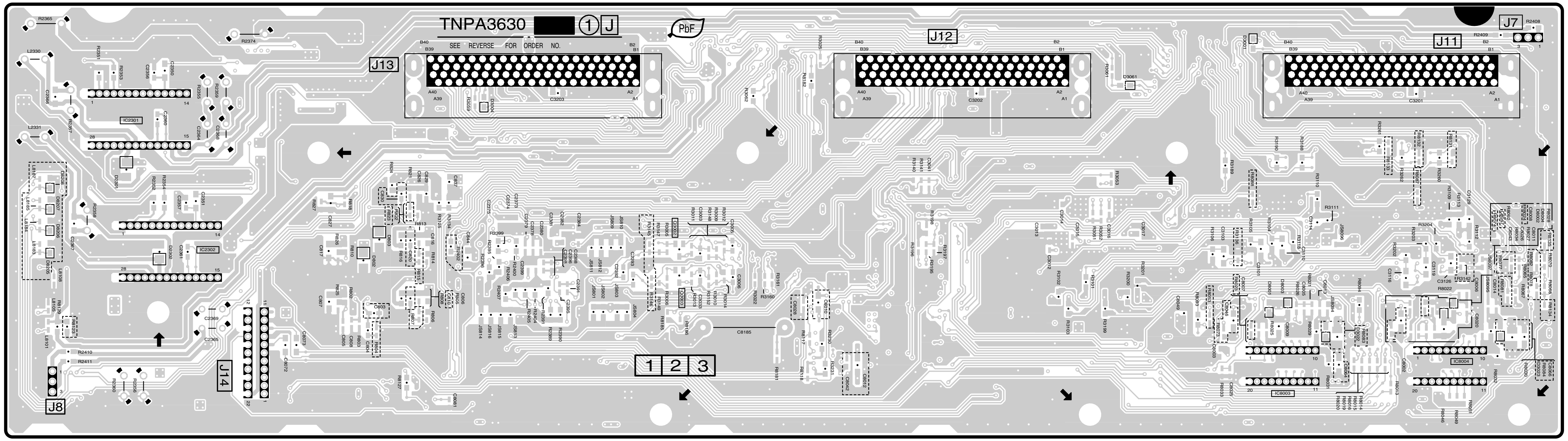
J-BOARD(FOIL SIDE)
TNPA3630AB

4

3

2

1


TNPA3630
①
J
PbF
SEE REVERSE FOR ORDER NO.
J13
J12
J11
J7
J8
J14
IC2301
IC2302
IC8003
IC8004
C3201
C3202
C3203
C8185
1 2 3

TH-42PWD8 SERIES
J-BOARD TNPA3630AB

TH-42PWD8 SERIES
J-BOARD TNPA3630AB

A B C D E F G H I

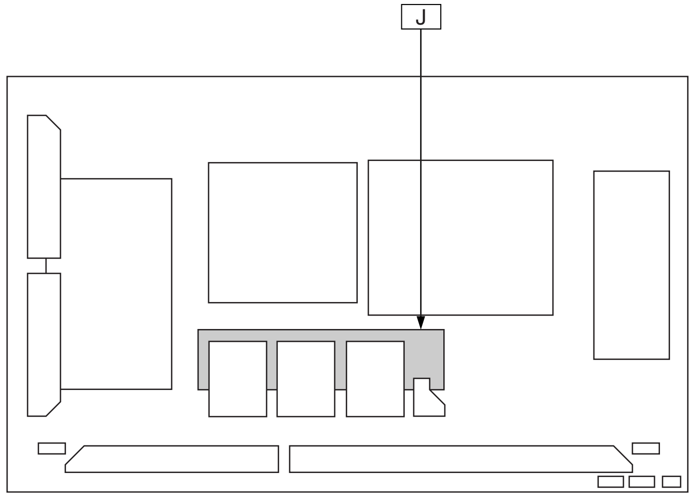
Parts Location

J-BOARD (COMPONENT SIDE)

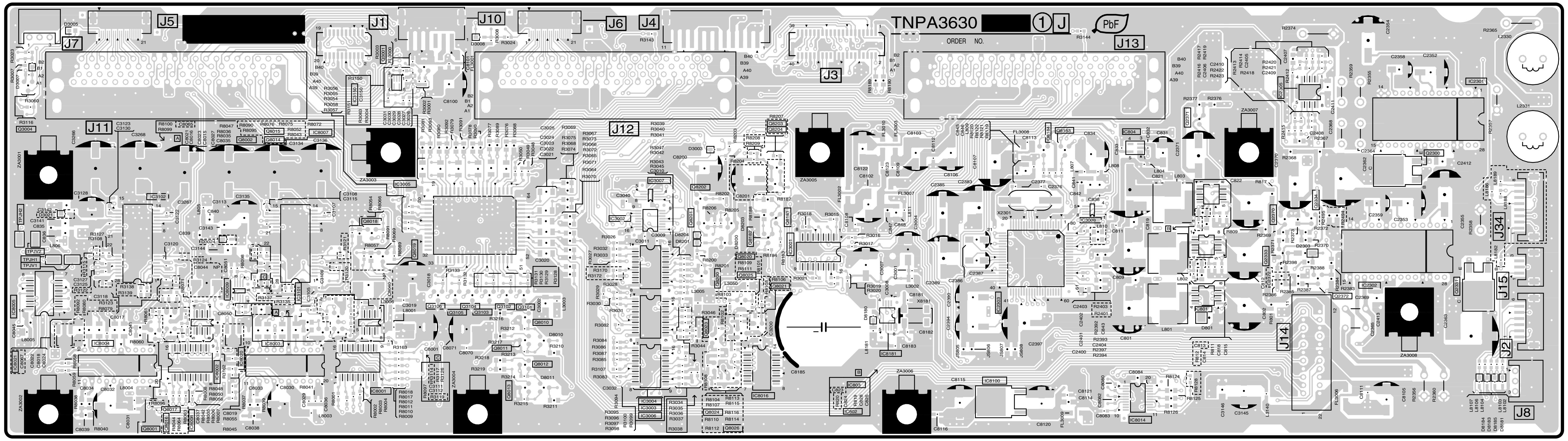
IC	
IC801	G-2
IC802	E-2
IC803	E-2
IC804	G-3
IC2301	I-4
IC2302	H-3
IC2303	F-2
IC2305	H-4
IC3001	E-3
IC3002	D-3
IC3003	D-2
IC3004	D-2
IC3005	C-3
IC3006	D-2
IC3007	D-3
IC3008	G-3
IC3101	B-3
IC3102	B-3
IC3150	C-4
IC8001	C-2
IC8002	B-2
IC8003	B-2
IC8004	A-2
IC8005	A-2
IC8007	B-3
IC8008	B-2
IC8009	B-3
IC8014	G-2
IC8016	E-2
IC8020	B-2
IC8021	A-2
IC8100	F-2
IC8181	F-2

TRANSISTOR	
Q2300	H-3
Q2331	I-2
Q2333	H-3
Q2334	H-3
Q2370	H-3
Q2371	G-2
Q2372	H-2
Q3001	C-4
Q3004	A-3
Q3101	D-2
Q3102	C-2
Q3103	C-2
Q3104	C-2
Q3105	C-2
Q3106	C-2
Q8001	B-2
Q8002	B-3
Q8010	D-2
Q8011	C-2
Q8012	D-2
Q8013	C-2
Q8014	B-3
Q8015	B-3
Q8016	B-2
Q8017	B-2
Q8018	C-3
Q8019	C-3
Q8020	E-3
Q8021	E-3
Q8023	E-2
Q8024	E-2
Q8025	E-3
Q8026	E-2
Q8181	E-2
Q8182	E-3
Q8183	F-3
Q8184	F-3
Q8200	E-3
Q8201	D-3
Q8202	E-3
Q8203	E-3
Q8204	E-3

TP	
TPJH1	A-3
TPJH2	A-3
TPJV1	A-3
TPJV2	A-3

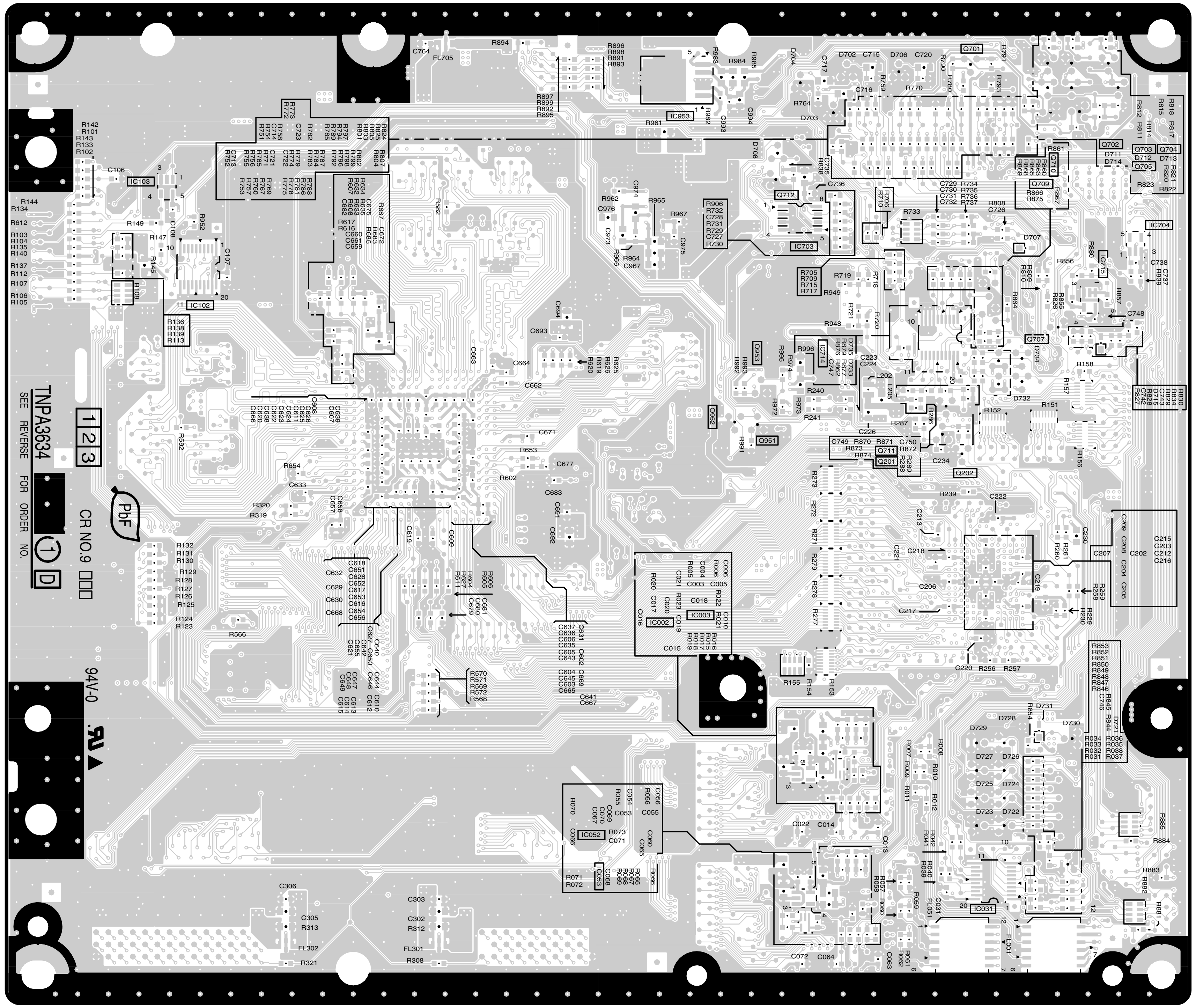


J-BOARD(COMPONENT SIDE)
TNPA3630AB


TNPA3630
①
J
PbF
ORDER NO.
J1
J2
J3
J4
J5
J6
J7
J8
J10
J11
J12
J13
J14
J15
J34
ZA3001
ZA3002
ZA3003
ZA3004
ZA3005
ZA3006
ZA3007
ZA3008
6
5
4
3
2
1
A
B
C
D
E
F
G
H
I

14.8. D-Board

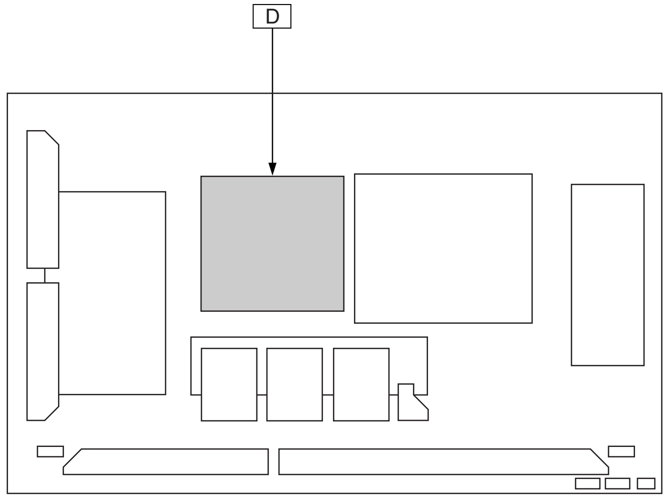
D-BOARD(FOIL SIDE)
TZTNP01YLSU (TH-37PWD8GK/GS/UK)
TZTNP01YLSE (TH-37PWD8BK/BSEK/ES)
TZTNP01YNSU (TH-42PWD8GK/GS/UK)
TZTNP01YNSE (TH-42PWD8BK/BS/EK/ES)



6
5
4
3
2
1
A
B
C
D
E
F
G
H
I
IC103
IC102
IC953
IC703
IC704
IC003
IC002
IC052
IC053
IC031
Q701
Q702
Q703
Q704
Q705
Q707
Q709
Q710
Q711
Q712
Q201
Q202
Q951
Q952
Q953
TNPA3634
SEE REVERSE FOR ORDER NO.
CR NO.9
PbF
94V-0
1 2 3
D

TH-37PWD8GK/GS/UK D-BOARD TZTNP01YLSU
TH-37PWD8BK/BS/EK/ES D-BOARD TZTNP01YLSE

TH-42PWD8GK/GS/UK D-BOARD TZTNP01YNSU
TH-42PWD8BK/BS/EK/ES D-BOARD TZTNP01YNSE

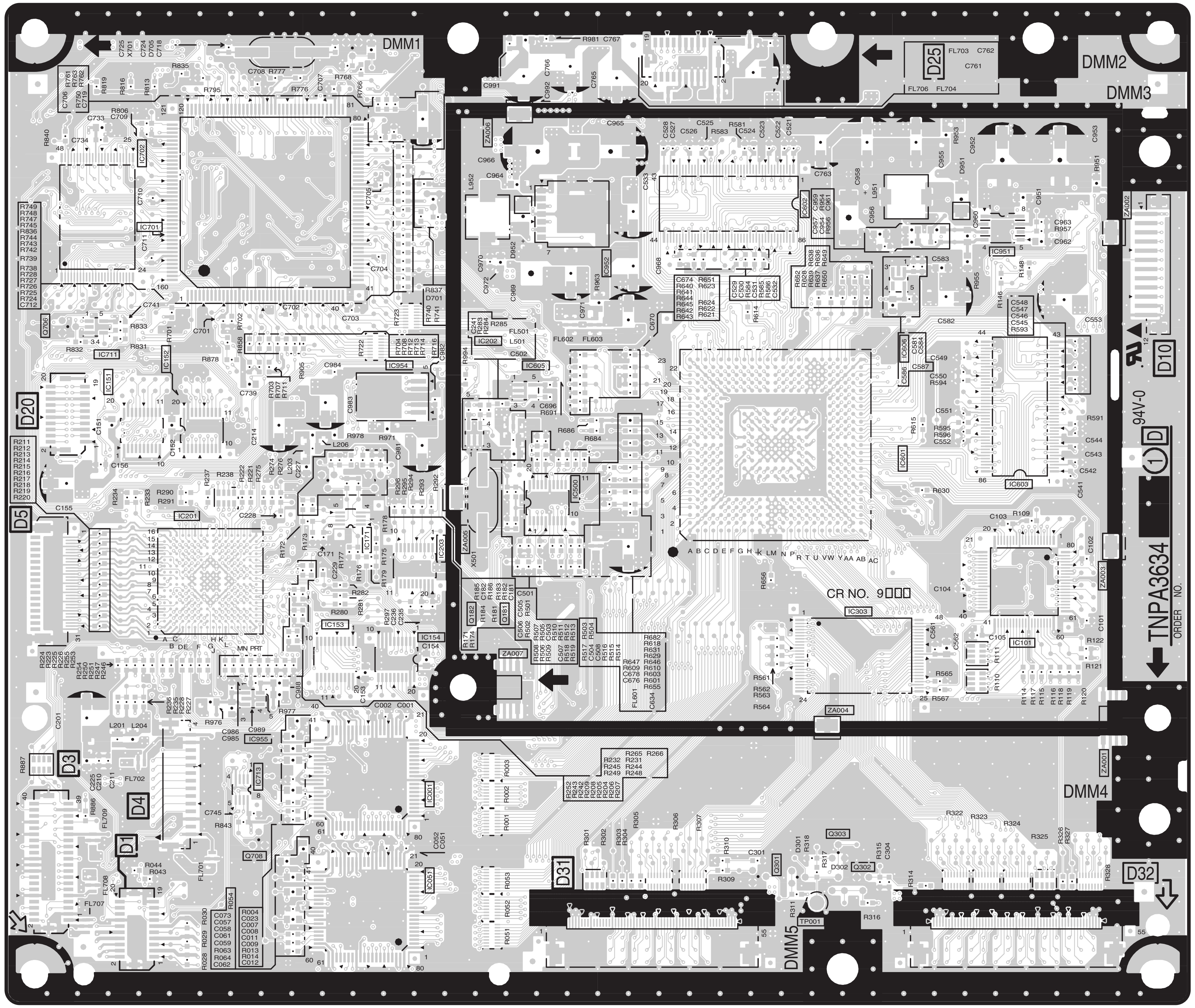


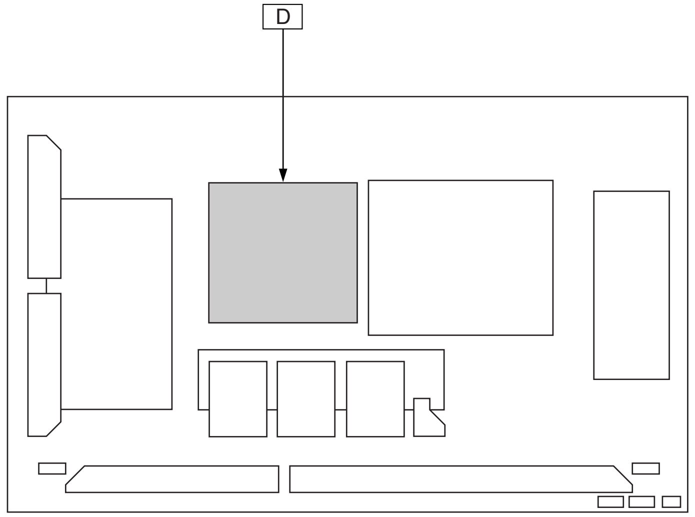
Parts Location

D-BOARD (FOIL SIDE)			
IC		TRANSISTOR	
IC9002	D-3	Q9201	E-4
IC9003	D-3	Q9202	E-4
IC9031	F-1	Q9701	F-6
IC9052	D-2	Q9702	F-5
IC9053	D-2	Q9703	F-5
IC9102	B-4	Q9704	F-5
IC9103	A-5	Q9705	F-5
IC9703	E-5	Q9707	F-4
IC9704	F-5	Q9709	F-5
IC9714	E-4	Q9710	F-5
IC9715	F-5	Q9711	E-4
IC9953	D-5	Q9712	E-5
		Q9951	E-4
		Q9952	D-4
		Q9953	D-4

TH-37PWD8GK/GS/UK D-BOARD TZTNP01YLSU
TH-37PWD8BK/BS/EK/ES D-BOARD TZTNP01YLSE
TH-42PWD8GK/GS/UK D-BOARD TZTNP01YNSU
TH-42PWD8BK/BS/EK/ES D-BOARD TZTNP01YNSE

D-BOARD(COMPONENT SIDE)
TZTNP01YLSU (TH-37PWD8GK/GS/UK)
TZTNP01YLSE (TH-37PWD8BK/BS/EK/ES)
TZTNP01YNSU (TH-42PWD8GK/GS/UK)
TZTNP01YNSE (TH-42PWD8BK/BS/EK/ES)





Parts Location

D-BOARD (COMPONENT SIDE)			
IC		**TRANSISTOR**	
IC9001	C-2	Q9181	C-3
IC9051	C-2	Q9182	C-3
IC9101	F-3	Q9301	E-2
IC9151	A-4	Q9302	E-2
IC9152	B-4	Q9303	E-2
IC9153	B-3	Q9706	A-4
IC9154	C-3	Q9708	B-2
IC9171	C-3		
IC9201	B-3		
IC9202	C-4		
IC9203	C-3		
IC9303	E-3		
IC9500	D-3		
IC9601	E-4		
IC9602	E-5	**TP**	
IC9603	F-4	TP9001	E-1
IC9605	C-4		
IC9606	E-4		
IC9701	A-5		
IC9702	A-5		
IC9711	A-4		
IC9713	B-2		
IC9951	F-5		
IC9952	D-5		
IC9954	C-4		
IC9955	B-2		

TH-37PWD8GK/GS/UK D-BOARD TZTNP01YLSU
TH-37PWD8BK/BS/EK/ES D-BOARD TZTNP01YLSE

TH-42PWD8GK/GS/UK D-BOARD TZTNP01YNSU
TH-42PWD8BK/BS/EK/ES D-BOARD TZTNP01YNSE

TH-37PWD8GK/GS/UK D-BOARD TZTNP01YLSU
TH-37PWD8BK/BS/EK/ES D-BOARD TZTNP01YLSE
TH-42PWD8GK/GS/UK D-BOARD TZTNP01YNSU
TH-42PWD8BK/BS/EK/ES D-BOARD TZTNP01YNSE

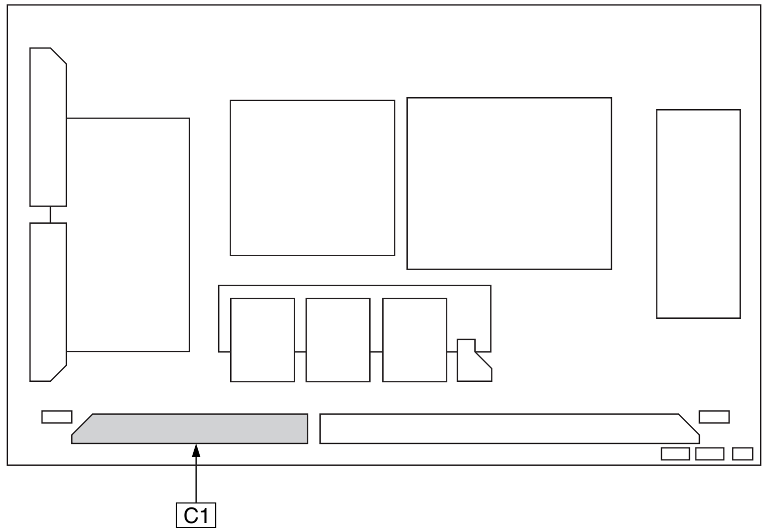
6 5 4 3 2 1

A B C D E F G H I

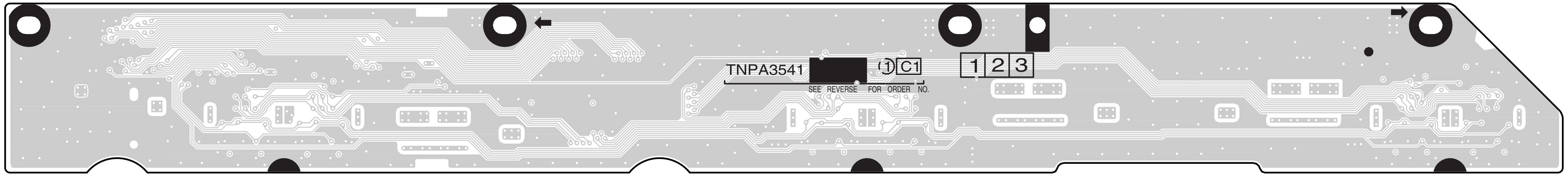
14.9. C1-Board (37 inch)

Parts Location

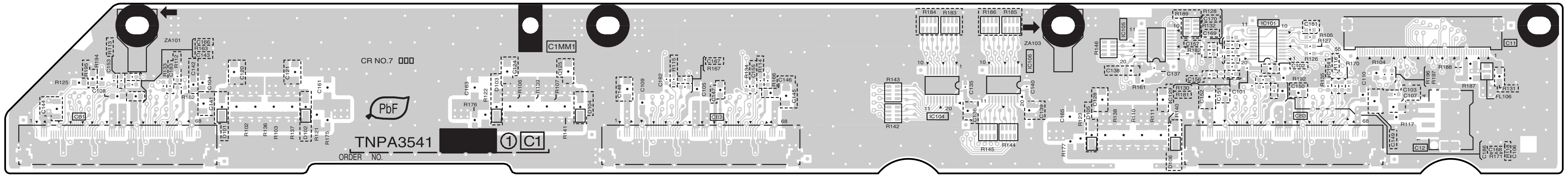
C1-BOARD	
IC	
IC7101	G-2
IC7104	F-2
IC7105	G-2
IC7106	F-2



C1-BOARD (FOIL SIDE)
TNPA3541


TNPA3541
①C1
1 2 3
SEE REVERSE FOR ORDER NO.

C1-BOARD (COMPONENT SIDE)
TNPA3541


TNPA3541
①C1
ORDER NO.
PbF
CR NO.7
C1MM1
ZA101
ZA103
IC104

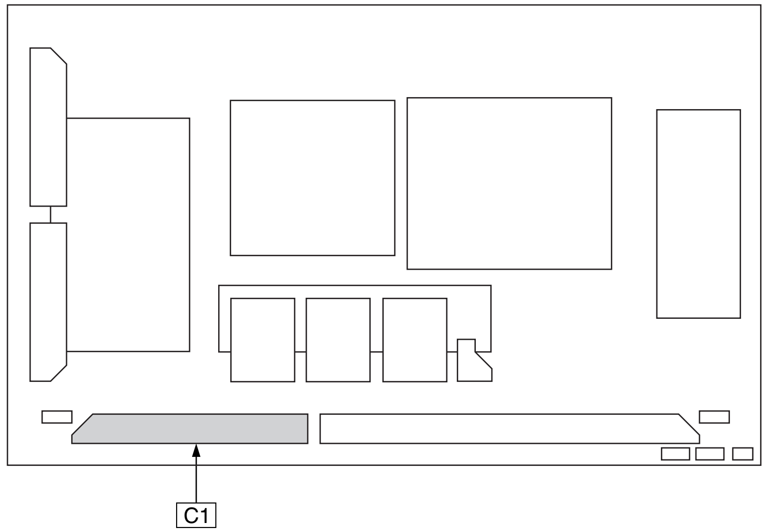
6
5
4
3
2
1

A B C D E F G H I

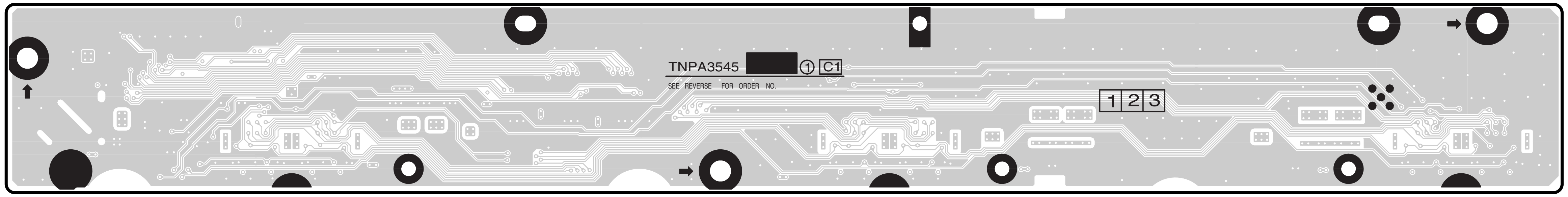
14.10. C1-Board (42 inch)

Parts Location

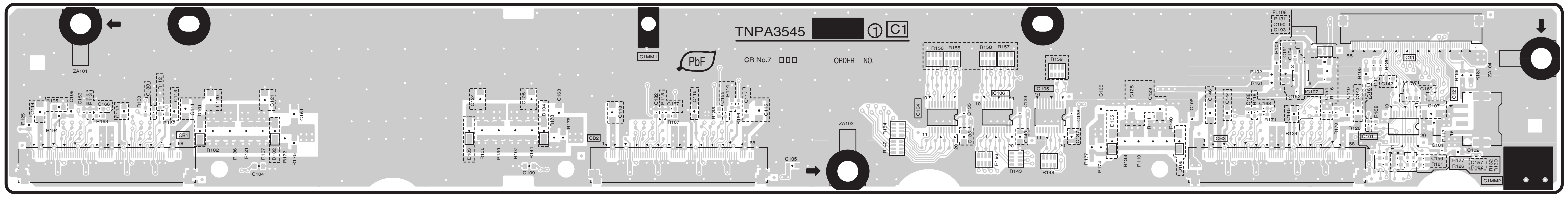
C1-BOARD	
IC	
IC7101	H-1
IC7104	E-2
IC7105	F-2
IC7106	F-2
IC7107	G-2



C1-BOARD(FOIL SIDE)
TNPA3545


TNPA3545
① C1
SEE REVERSE FOR ORDER NO.
1 2 3

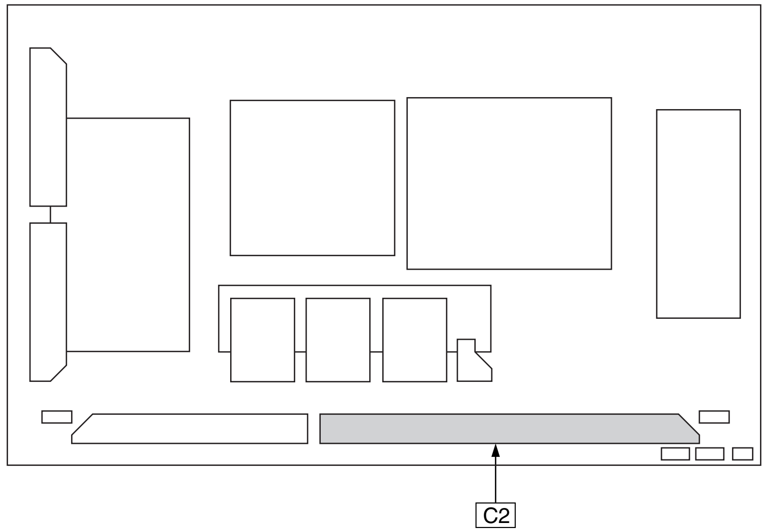
C1-BOARD(COMPONENT SIDE)
TNPA3545


TNPA3545
① C1
CR No.7
ORDER NO.
PbF
ZA101
ZA102
ZA104
C1MM1
C1MM2

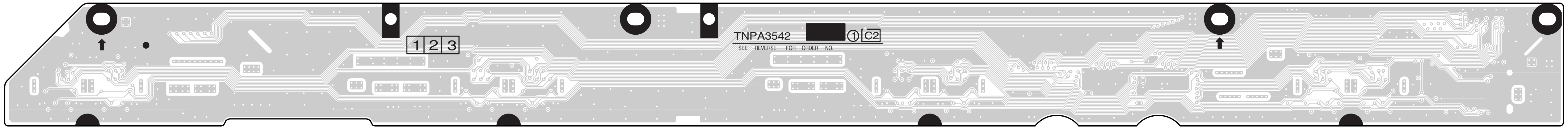
14.11. C2-Board (37 inch)

Parts Location

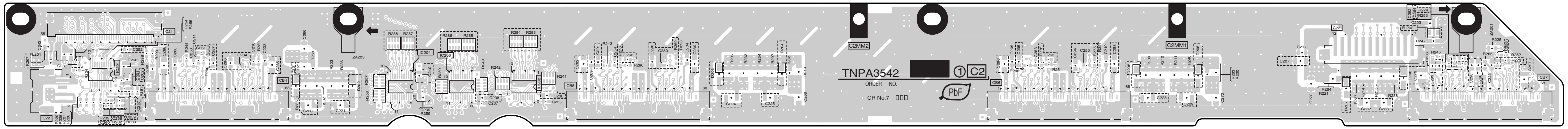
C2-BOARD	
IC	
IC7201	A-2
IC7202	D-2
IC7203	C-2
IC7204	C-2



C2-BOARD (FOIL SIDE)
TNPA3542


1 2 3
TNPA3542
① C2
SEE REVERSE FOR ORDER NO.

C2-BOARD (COMPONENT SIDE)
TNPA3542


C2MM2
C2MM1
TNPA3542
① C2
ORDER NO.
CR No.7
PbF
6
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A
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C
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G
H
I

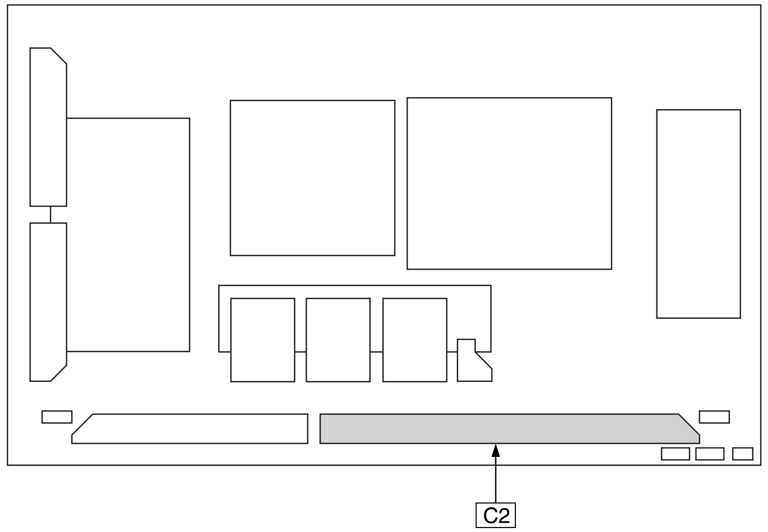
TH-37PWD8 SERIES
C2-BOARD TNPA3542

TH-37PWD8 SERIES
C2-BOARD TNPA3542

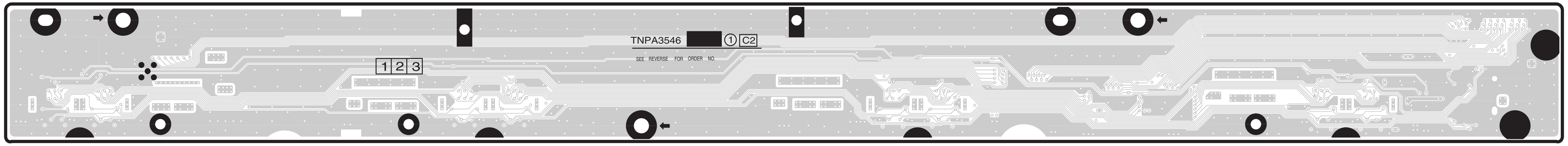
14.12. C2-Board (42 inch)

Parts Location

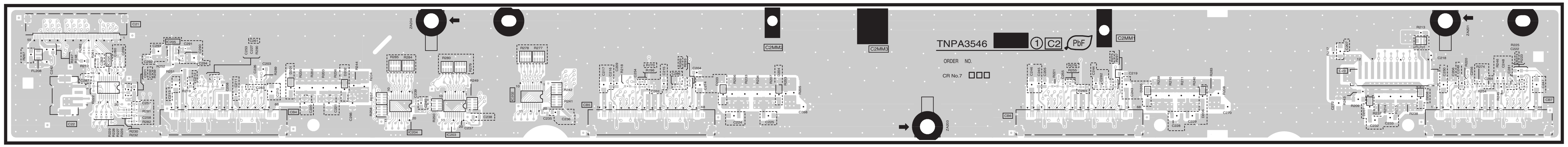
C2-BOARD	
IC	
IC7201	A-2
IC7202	D-2
IC7203	C-2
IC7204	C-2
IC7205	B-2



C2-BOARD(FOIL SIDE)
TNPA3546


TNPA3546
①
C2
SEE REVERSE FOR ORDER NO.
1
2
3

C2-BOARD(COMPONENT SIDE)
TNPA3546


TNPA3546
①
C2
PbF
ORDER NO.
CR No.7

6
5
4
3
2
1

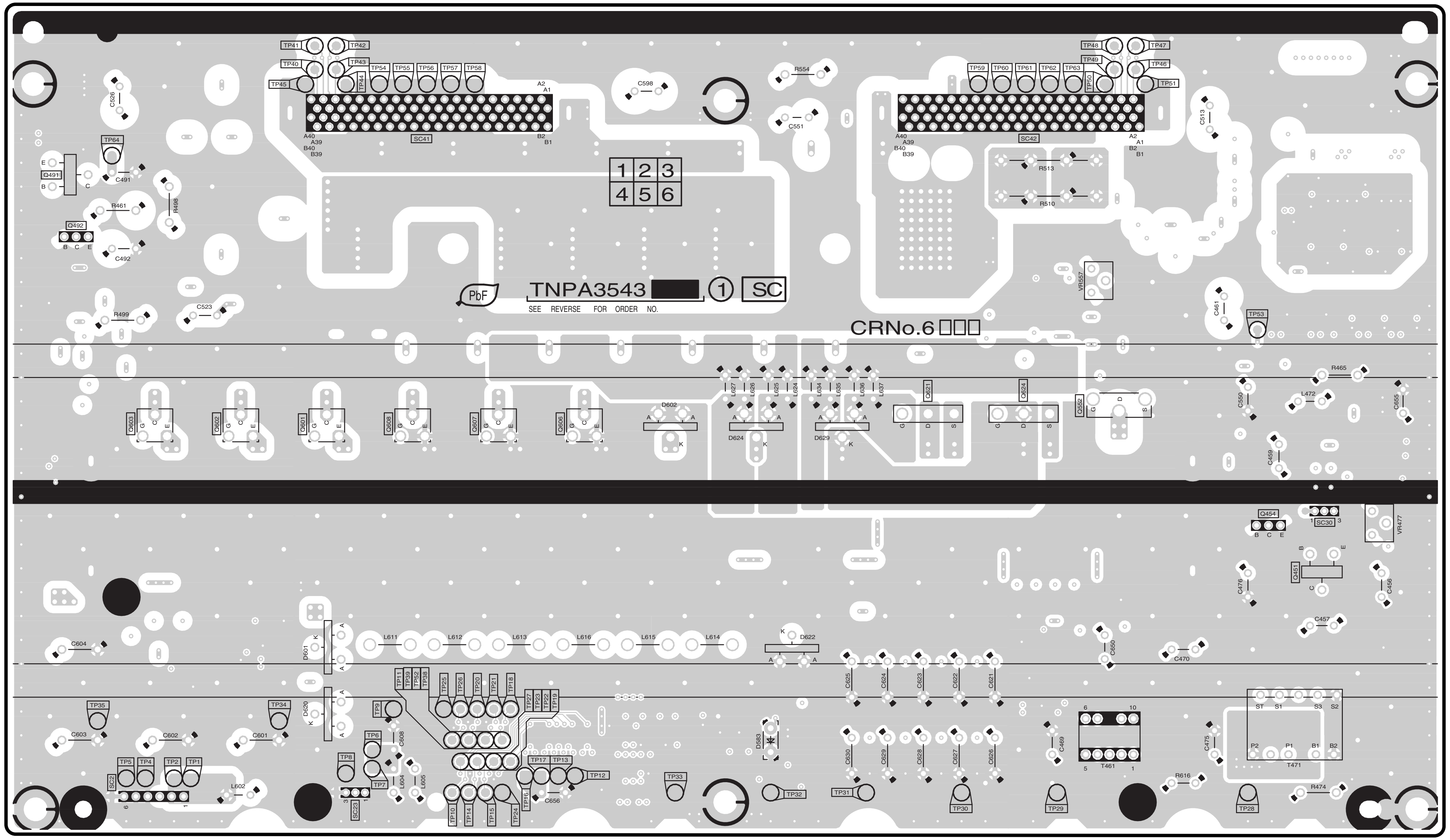
TH-42PWD8 SERIES
C2-BOARD TNPA3546

TH-42PWD8 SERIES
C2-BOARD TNPA3546

A B C D E F G H I

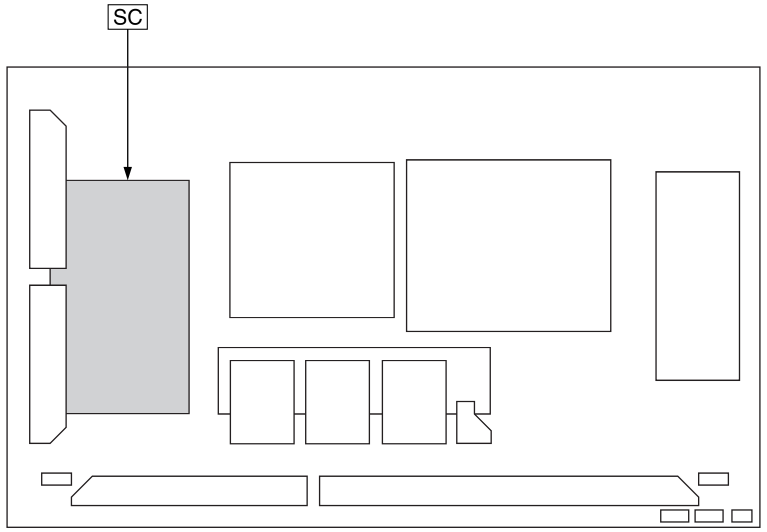
14.13. SC-Board

SC-BOARD(FOIL SIDE)
TNPA3543AB (37inch)
TNPA3543 (42inch)


6
5
4
3
2
1
A
B
C
D
E
F
G
H
I
SC41
SC42
SC30
SC22
SC23
TNPA3543
SC
SEE REVERSE FOR ORDER NO.
PbF
CRNo.6
1 2 3
4 5 6
TP41
TP42
TP40
TP43
TP45
TP44
TP54
TP55
TP56
TP57
TP58
TP48
TP47
TP49
TP46
TP59
TP60
TP61
TP62
TP63
TP50
TP51
TP64
TP53
TP35
TP34
TP33
TP32
TP31
TP30
TP29
TP28
TP12
TP13
TP17
Q491
Q492
Q454
Q451
Q601
Q602
Q603
Q606
Q607
Q608
Q621
Q624
Q652
C491
C492
C523
C526
C551
C598
C513
C461
C459
C555
C550
C476
C456
C457
C470
C650
C469
C475
C604
C603
C602
C601
C608
C656
C621
C622
C623
C624
C625
C626
C627
C628
C629
C630
R461
R498
R499
R554
R513
R510
R465
R474
R616
L472
L602
L611
L612
L613
L614
L615
L616
D602
D603
D620
D622
D624
D629
D583
T461
T471
VR477
VR557

TH-37PWD8 SERIES SC-BOARD TNPA3543AB
TH-42PWD8 SERIES SC-BOARD TNPA3543

TH-37PWD8 SERIES SC-BOARD TNPA3543AB
TH-42PWD8 SERIES SC-BOARD TNPA3543



Parts Location

SC-BOARD (FOIL SIDE)

TRANSISTOR		TP			
Q6451	H-2	TP6001	B-1	TP6032	E-1
Q6454	H-3	TP6002	B-1	TP6033	D-1
Q6491	A-4	TP6004	B-1	TP6034	B-1
Q6492	A-4	TP6005	B-1	TP6035	B-1
Q6552	G-3	TP6006	C-1	TP6038	C-1
Q6601	C-3	TP6007	C-1	TP6039	C-1
Q6602	B-3	TP6008	C-1	TP6040	C-5
Q6603	B-3	TP6009	C-1	TP6041	C-5
Q6606	D-3	TP6010	C-1	TP6042	C-5
Q6607	C-3	TP6011	C-1	TP6043	C-5
Q6608	C-3	TP6012	D-1	TP6044	C-5
Q6621	F-3	TP6013	D-1	TP6045	C-5
Q6624	F-3	TP6014	C-1	TP6046	G-5
		TP6015	C-1	TP6047	G-5
		TP6016	D-1	TP6048	G-5
		TP6017	D-1	TP6049	G-5
		TP6018	C-1	TP6050	G-5
		TP6019	C-1	TP6051	G-5
		TP6020	C-1	TP6052	C-1
		TP6021	C-1	TP6053	G-3
		TP6022	C-1	TP6054	C-5
		TP6023	C-1	TP6055	C-5
		TP6024	C-1	TP6056	C-5
		TP6025	C-1	TP6057	C-5
		TP6026	C-1	TP6058	C-5
		TP6027	C-1	TP6059	F-5
		TP6028	G-1	TP6060	F-5
		TP6029	F-1	TP6061	F-5
		TP6030	F-1	TP6062	F-5
		TP6031	E-1	TP6063	F-5
				TP6064	B-4

Parts Location

SC-BOARD (COMPONENT SIDE)

IC		TRANSISTOR				TP	
IC6451	B-2	Q6451	A-2	Q6541	C-4	TPSC1	C-5
IC6452	B-3	Q6454	B-3	Q6542	D-4	TPV15V	F-1
IC6453	B-4	Q6461	C-1	Q6543	D-4	TPVAD	B-3
IC6454	B-4	Q6462	B-1	Q6544	E-4	TPVSCN	A-3
IC6455	B-5	Q6463	C-1	Q6545	E-4	TPVSET	G-5
IC6456	B-2	Q6471	B-1	Q6546	E-4	TPVSUS	G-1
IC6471	A-2	Q6472	A-1	Q6547	F-4		
IC6472	B-3	Q6474	A-2	Q6548	F-4		
IC6491	H-4	Q6476	B-4	Q6549	G-4		
IC6501	A-4	Q6477	B-4	Q6551	C-4		
IC6502	A-4	Q6491	H-4	Q6552	C-3		
IC6511	B-4	Q6492	H-4	Q6553	C-3		
IC6512	H-3	Q6501	B-4	Q6554	C-4		
IC6521	G-4	Q6502	H-3	Q6555	D-3		
IC6541	C-4	Q6503	B-3	Q6581	D-1		
IC6542	C-3	Q6504	B-3	Q6582	H-5		
IC6543	A-3	Q6505	H-3	Q6583	E-2		
IC6581	D-1	Q6511	B-4	Q6584	E-2		
IC6601	G-2	Q6512	B-4	Q6601	G-3		
IC6602	C-2	Q6520	G-4	Q6602	G-3		
IC6605	E-2	Q6521	G-4	Q6603	H-3		
IC6606	E-1	Q6522	D-3	Q6606	E-3		
IC6607	E-1	Q6523	D-3	Q6607	F-3		
		Q6524	E-3	Q6608	F-3		
		Q6525	E-3	Q6611	H-2		
		Q6526	E-3	Q6612	H-2		
		Q6527	F-3	Q6613	G-2		
		Q6528	F-3	Q6614	G-2		
		Q6530	G-4	Q6621	D-3		
				Q6624	C-3		

6

5

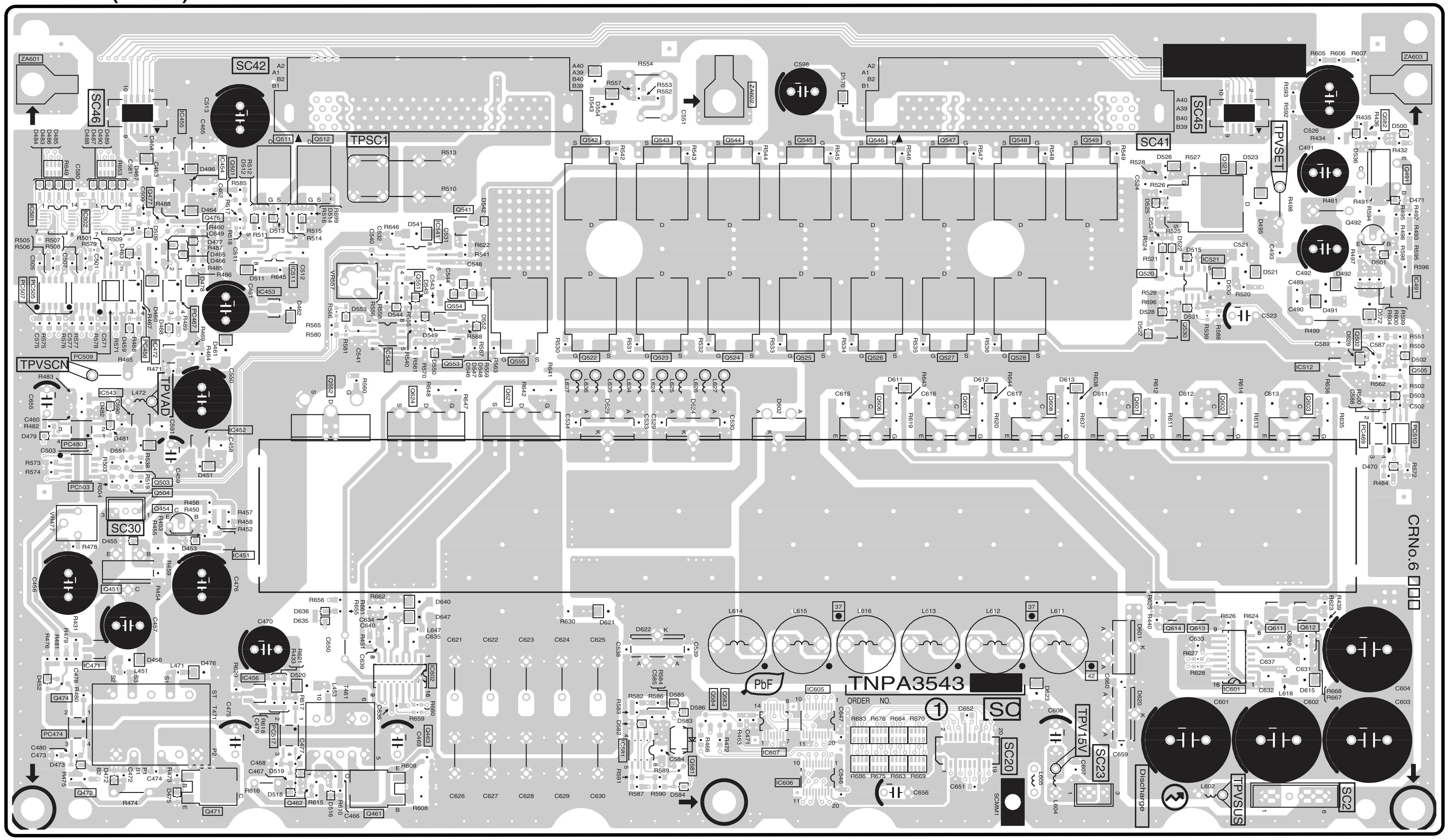
4

3

2

1

SC-BOARD(COMPONENT SIDE)
TNPA3543AB (37inch)
TNPA3543 (42inch)


ZA601
SC42
SC46
TPSC1
ZA603
SC45
SC41
TPVSET
TPVSCN
TPVAD
SC30
CRNo.6
TNPA3543
PbF
ORDER NO.
SC20
TPV15V
SC23
Discharge
TPVSUS
SC2

TH-37PWD8 SERIES SC-BOARD TNPA3543AB
TH-42PWD8 SERIES SC-BOARD TNPA3543

TH-37PWD8 SERIES SC-BOARD TNPA3543AB
TH-42PWD8 SERIES SC-BOARD TNPA3543

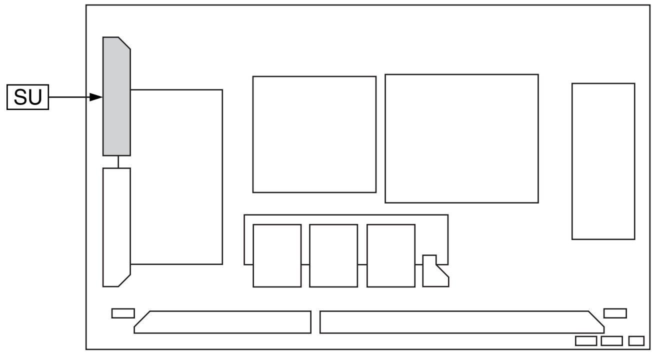
A B C D E F G H I

14.14. SU-Board (37 inch)

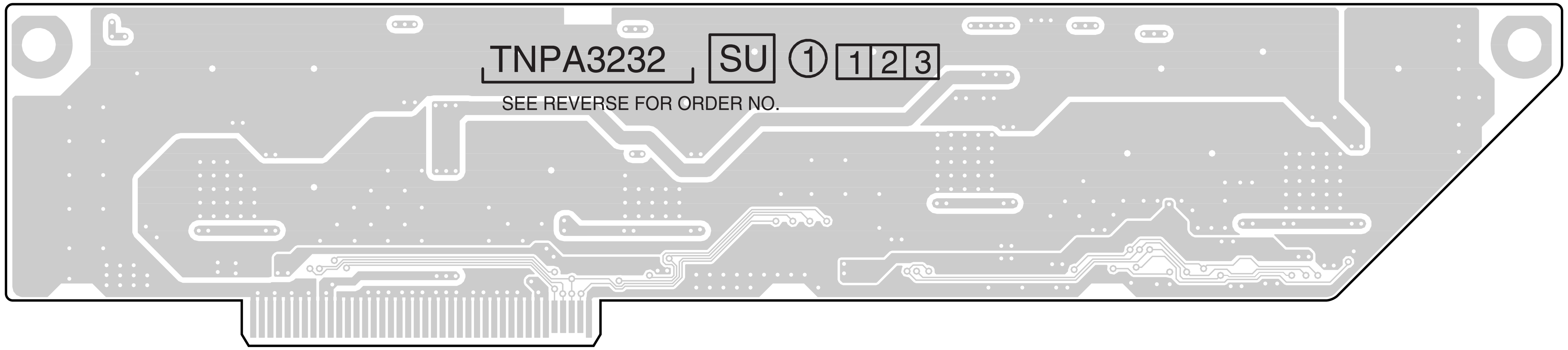
Parts Location

SU-BOARD

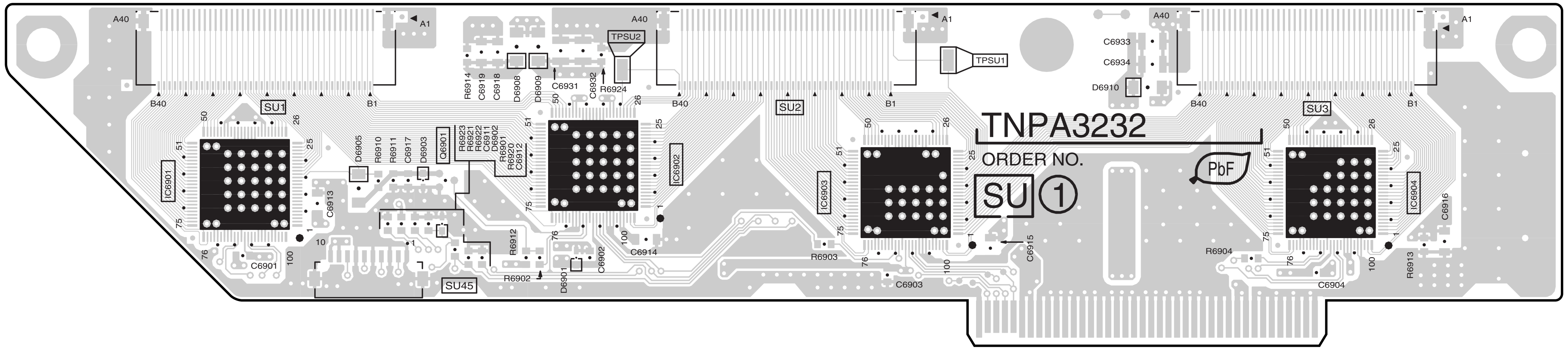
IC		TRANSISTOR	
IC6901	B-2	Q6901	C-2
IC6902	D-2	**TP**	
IC6903	E-2	TPSU1	E-2
IC6904	G-2	TPSU2	D-2



SU-BOARD (FOIL SIDE)
TNPA3232


TNPA3232
SU
①
1 2 3
SEE REVERSE FOR ORDER NO.

SU-BOARD (COMPONENT SIDE)
TNPA3232


A40
A1
B40
B1
SU1
SU2
SU3
SU45
TPSU1
TPSU2
IC6901
IC6902
IC6903
IC6904
Q6901
C6901
C6902
C6903
C6904
C6913
C6914
C6915
C6916
C6917
C6918
C6919
C6931
C6932
C6933
C6934
D6901
D6903
D6905
D6908
D6909
D6910
R6902
R6903
R6904
R6910
R6911
R6912
R6913
R6914
R6924
TNPA3232
ORDER NO.
SU
①
PbF
1
25
26
50
51
75
76
100

6
5
4
3
2
1
A
B
C
D
E
F
G
H
I

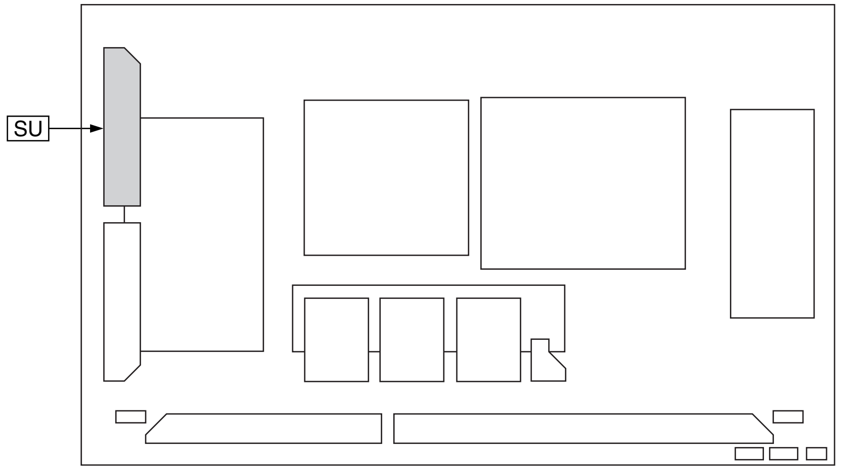
TH-37PWD8 SERIES
SU-BOARD TNPA3232

TH-37PWD8 SERIES
SU-BOARD TNPA3232

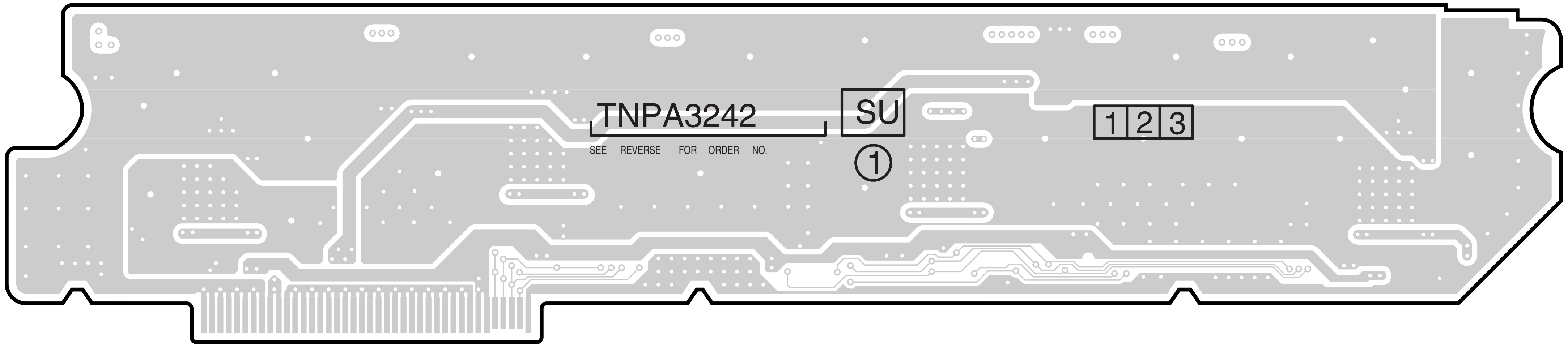
14.15. SU-Board (42 inch)

Parts Location

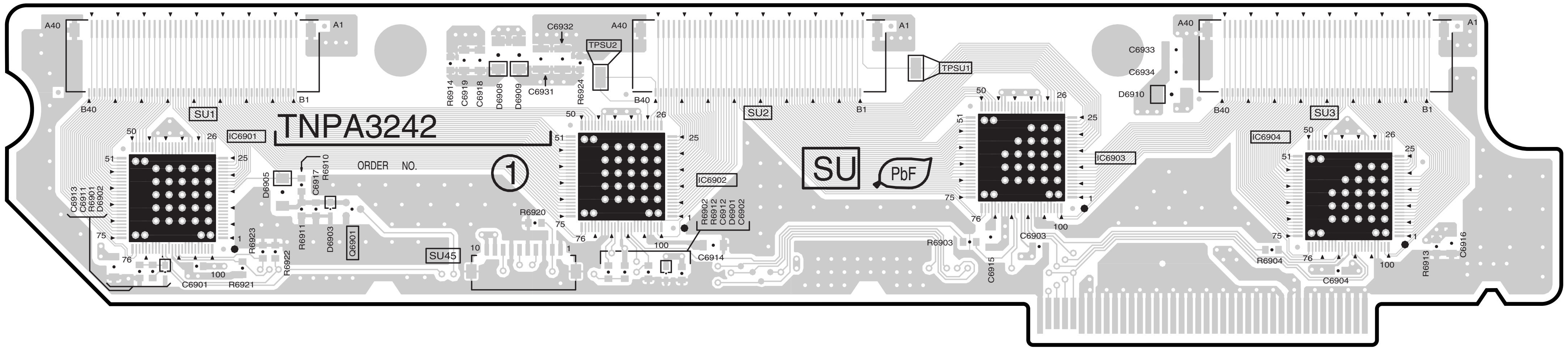
SU-BOARD			
IC		**TRANSISTOR**	
IC6901	B-2	Q6901	C-1
IC6902	D-2	**TP**	
IC6903	F-2	TPSU1	D-2
IC6904	G-2	TPSU2	E-2



SU-BOARD (FOIL SIDE)
TNPA3242


TNPA3242
SEE REVERSE FOR ORDER NO.
SU
①
1 2 3

SU-BOARD (COMPONENT SIDE)
TNPA3242


A40
A1
B1
B40
SU1
IC6901
50
26
51
25
75
76
100
1
C6913
C6911
R6901
D6902
C6901
R6921
D6905
C6917
R6910
R6911
D6903
Q6901
R6923
R6922
TNPA3242
ORDER NO.
①
SU45
10
1
C6932
TPSU2
R6914
C6919
C6918
D6908
D6909
C6931
R6924
R6920
IC6902
R6902
R6912
C6912
D6901
C6902
C6914
SU2
TPSU1
SU
PbF
IC6903
R6903
C6903
C6915
C6933
C6934
D6910
SU3
IC6904
R6904
C6904
R6913
C6916

6
5
4
3
2
1
A
B
C
D
E
F
G
H
I

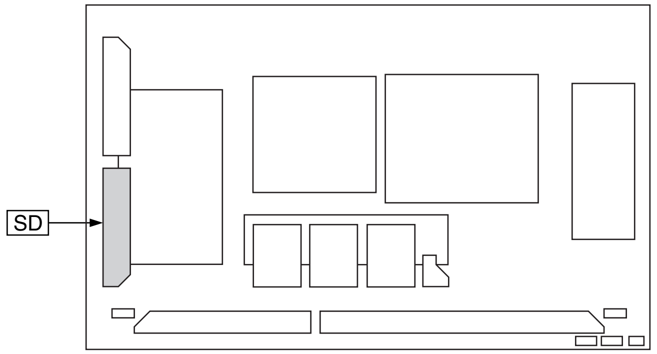
TH-42PWD8 SERIES
SU-BOARD TNPA3242

TH-42PWD8 SERIES
SU-BOARD TNPA3242

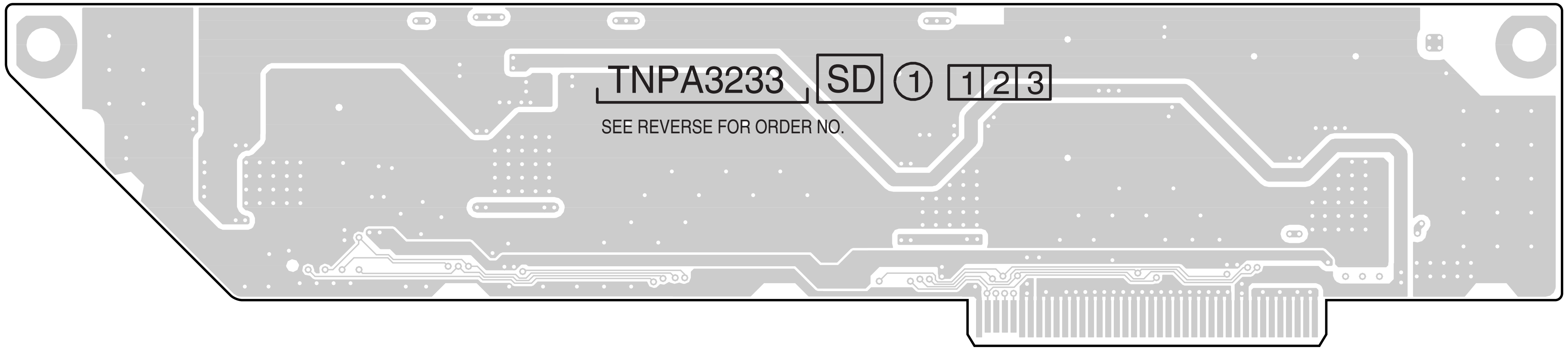
14.16. SD-Board (37 inch)

Parts Location

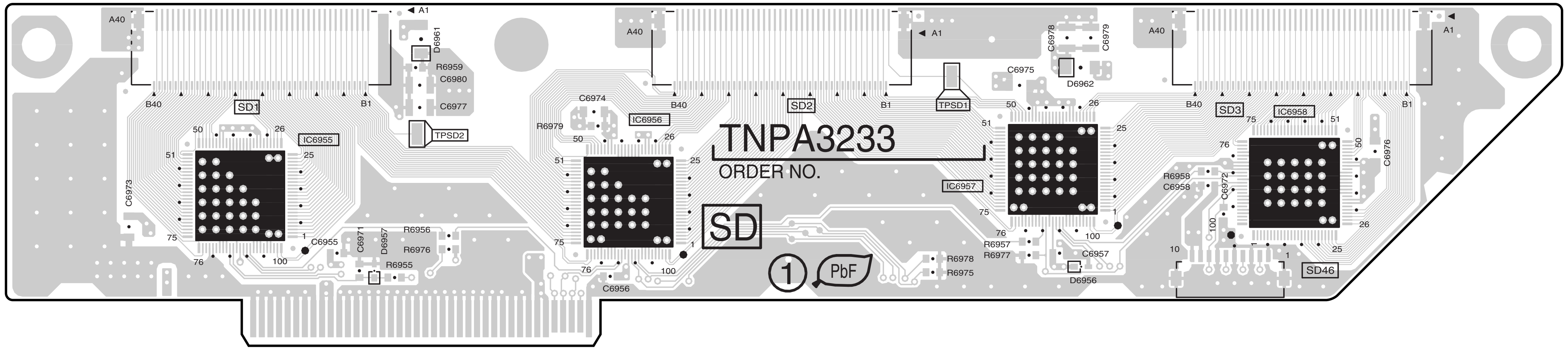
SD-BOARD			
IC		TP	
IC6955	B-2	TPSD1	E-2
IC6956	D-2	TPSD2	C-2
IC6957	F-2		
IC6958	G-2		



SD-BOARD (FOIL SIDE)
TNPA3233


TNPA3233
SD
①
1 2 3
SEE REVERSE FOR ORDER NO.

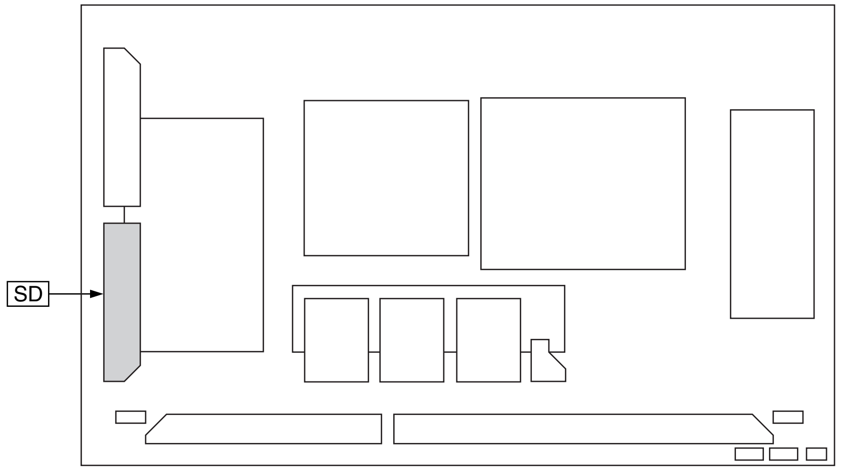
SD-BOARD (COMPONENT SIDE)
TNPA3233


A40
A1
B40
B1
SD1
IC6955
D6961
R6959
C6980
C6977
TPSD2
C6973
C6955
C6971
D6957
R6956
R6976
R6955
C6974
R6979
IC6956
SD2
TPSD1
TNPA3233
ORDER NO.
SD
①
PbF
C6956
C6978
C6979
C6975
D6962
IC6957
R6957
R6977
R6978
R6975
C6957
D6956
SD3
IC6958
R6958
C6958
C6972
C6976
SD46
1
25
26
50
51
75
76
100
10

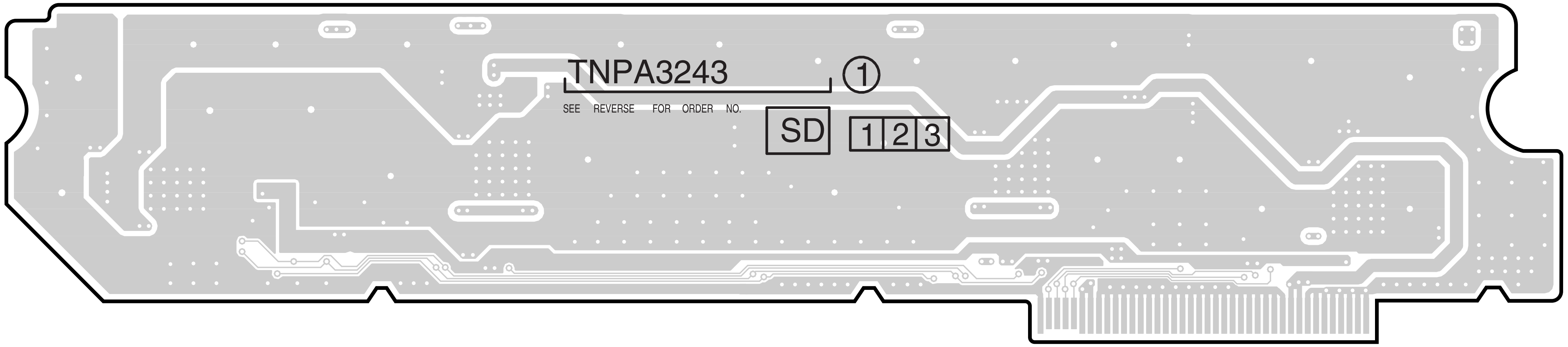
14.17. SD-Board (42 inch)

Parts Location

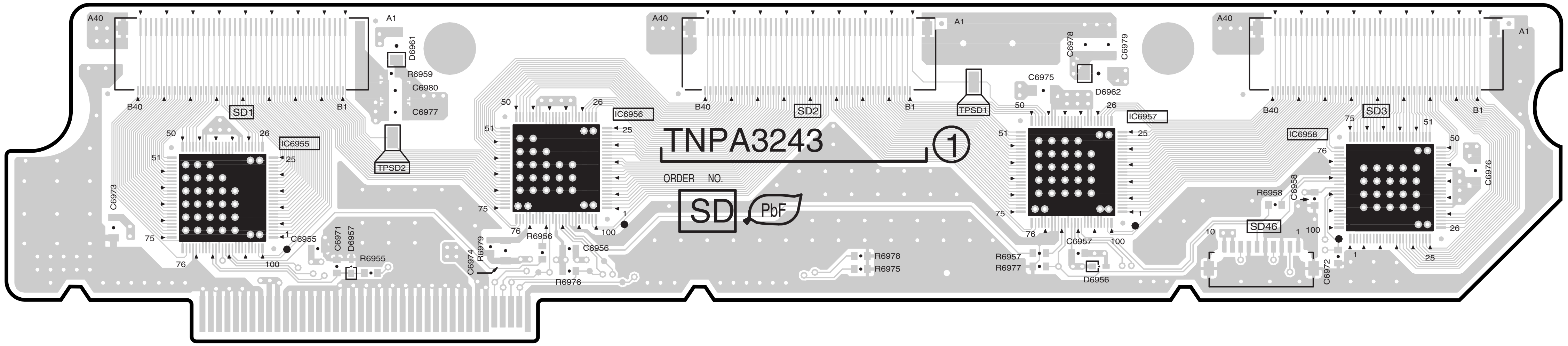
SD-BOARD			
IC		**TRANSISTOR**	
IC6955	B-2	TPSD1	F-2
IC6956	D-2	TPSD2	C-2
IC6957	F-2		
IC6958	G-2		



SD-BOARD (FOIL SIDE)
TNPA3243


TNPA3243 ①
SEE REVERSE FOR ORDER NO.
SD
1 2 3

SD-BOARD (COMPONENT SIDE)
TNPA3243


A40
A1
B40
B1
SD1
IC6955
TPSD2
D6961
R6959
C6980
C6977
C6973
C6955
C6971
D6957
R6955
50
26
51
25
75
76
100
1
IC6956
SD2
TPSD1
C6974
R6979
R6956
C6956
R6976
TNPA3243 ①
ORDER NO.
SD
PbF
R6978
R6975
C6978
C6979
C6975
D6962
IC6957
C6957
R6957
R6977
D6956
SD3
IC6958
R6958
C6958
SD46
C6972
C6976
10

6
5
4
3
2
1
A
B
C
D
E
F
G
H
I

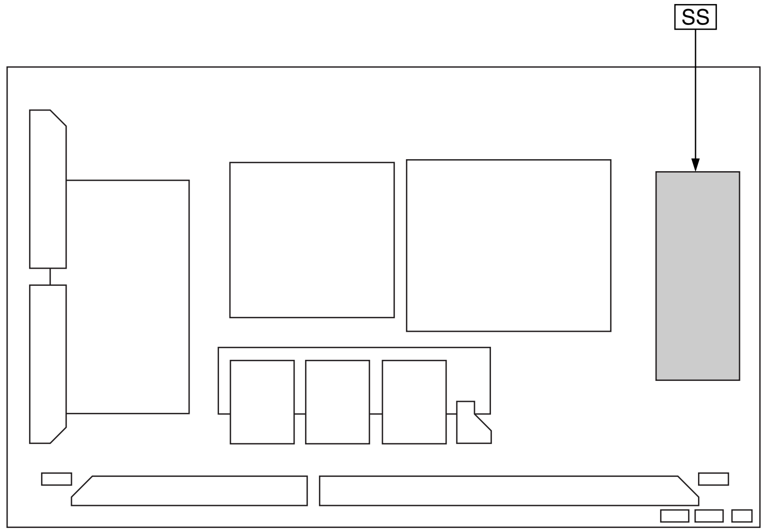
TH-42PWD8 SERIES
SD-BOARD TNPA3243

TH-42PWD8 SERIES
SD-BOARD TNPA3243

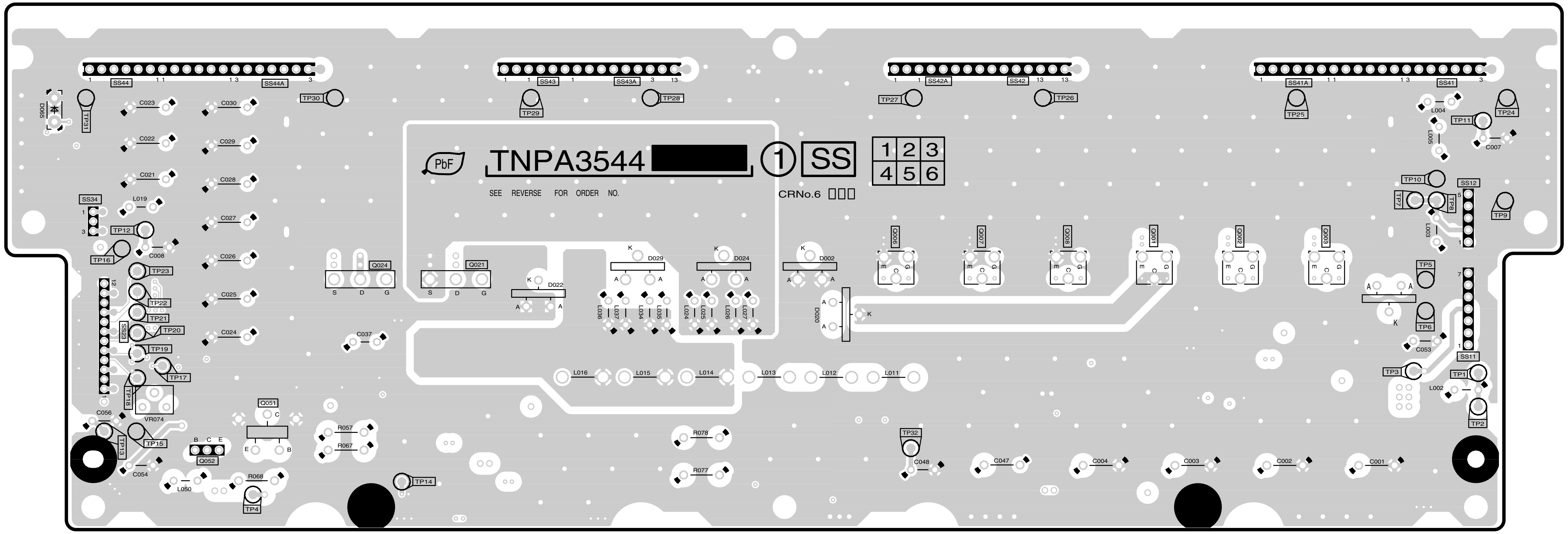
14.18. SS-Board

Parts Location

SS-BOARD (FOIL SIDE)					
TRANSISTOR		**TP**			
Q6001	G-2	TP6001	H-1	TP6016	B-2
Q6002	G-2	TP6002	H-1	TP6017	B-2
Q6003	H-2	TP6003	H-1	TP6018	B-2
Q6006	E-2	TP6004	B-1	TP6019	B-2
Q6007	F-2	TP6005	H-2	TP6020	B-2
Q6008	F-2	TP6006	H-2	TP6021	B-2
Q6021	C-2	TP6007	H-2	TP6022	B-2
Q6024	C-2	TP6008	H-2	TP6023	B-2
Q6051	B-1	TP6009	H-2	TP6024	I-3
Q6052	B-1	TP6010	H-2	TP6025	G-3
		TP6011	H-3	TP6026	F-3
		TP6012	B-2	TP6027	F-3
		TP6013	A-1	TP6028	D-3
		TP6014	C-1	TP6029	D-3
		TP6015	A-1	TP6030	C-3
				TP6031	A-3
				TP6032	E-1



SS-BOARD(FOIL SIDE)
TNPA3544AB (37 inch)
TNPA3544 (42 inch)


PbF
TNPA3544
①
SS
1 2 3
4 5 6
SEE REVERSE FOR ORDER NO.
CRNo.6
SS44
SS44A
SS43
SS43A
SS42A
SS42
SS41A
SS41
SS34
SS33
SS12
SS11
TP1
TP2
TP3
TP4
TP5
TP6
TP7
TP8
TP9
TP10
TP11
TP12
TP13
TP14
TP15
TP16
TP17
TP18
TP19
TP20
TP21
TP22
TP23
TP24
TP25
TP26
TP27
TP28
TP29
TP30
TP31
TP32
Q021
Q024
Q051
Q052
D002
D022
D024
D029
D030
C001
C002
C003
C004
C007
C008
C021
C022
C023
C024
C025
C026
C027
C028
C029
C030
C037
C047
C048
C053
C054
C056
L002
L003
L004
L005
L011
L012
L013
L014
L015
L016
L019
L050
R057
R067
R068
R077
R078
VR074
S D G
B C E
A K

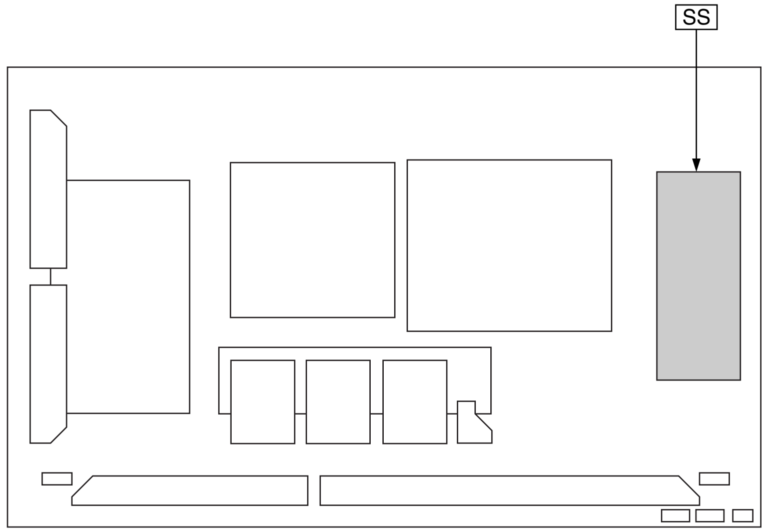
TH-37PWD8 SERIES SS-BOARD TNPA3544AB
TH-42PWD8 SERIES SS-BOARD TNPA3544

TH-37PWD8 SERIES SS-BOARD TNPA3544AB
TH-42PWD8 SERIES SS-BOARD TNPA3544

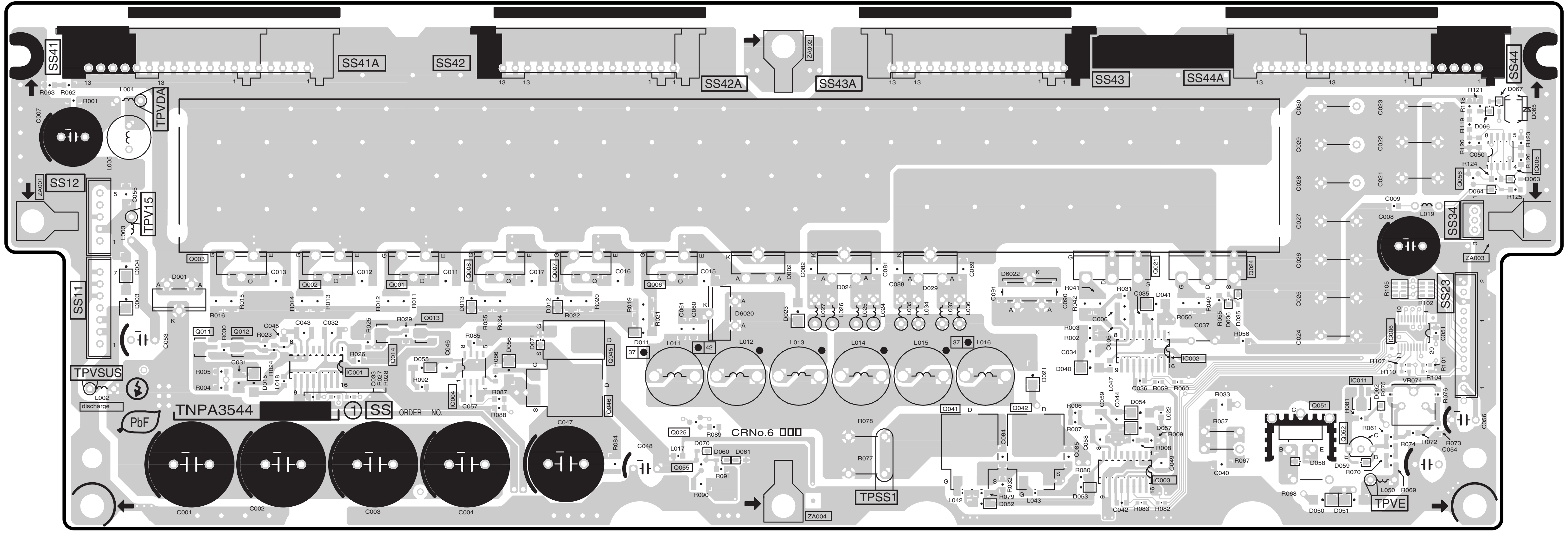
6
5
4
3
2
1

Parts Location

SS-BOARD (COMPONENT SIDE)					
IC		**TRANSISTOR**		Q6045	D-2
				Q6046	D-2
IC6001	C-2	Q6001	C-2	Q6051	H-1
IC6002	G-2	Q6002	B-2	Q6052	H-1
IC6003	G-1	Q6003	B-2	Q6055	D-1
IC6004	C-2	Q6006	D-2	Q6056	H-3
IC6005	I-3	Q6007	D-2	**TP**	
IC6006	H-2	Q6008	C-2		
IC6011	H-2	Q6011	B-2	TPSS1	E-1
		Q6012	B-2	TPSUS	A-2
		Q6013	C-2	TPV15	B-3
		Q6014	C-2	TPVDA	B-3
		Q6021	G-2	TPVE	H-1
		Q6024	G-2		
		Q6025	D-1		
		Q6041	F-1		
		Q6042	F-1		



SS-BOARD(COMPONENT SIDE)
TNPA3544AB (37 inch)
TNPA3544 (42 inch)


SS41
SS41A
SS42
SS42A
ZA002
SS43A
SS43
SS44A
SS44
TPVDA
SS12
ZA001
TPV15
SS11
TPVSUS
discharge
PbF
TNPA3544
① SS
ORDER NO.
CRNo.6
TPSS1
ZA004
TPVE
SS34
ZA003
SS23
IC001
IC002
IC003
IC005
IC006
IC011
C001
C002
C003
C004
C047
C007
L011
L012
L013
L014
L015
L016
Q041
Q042
Q051

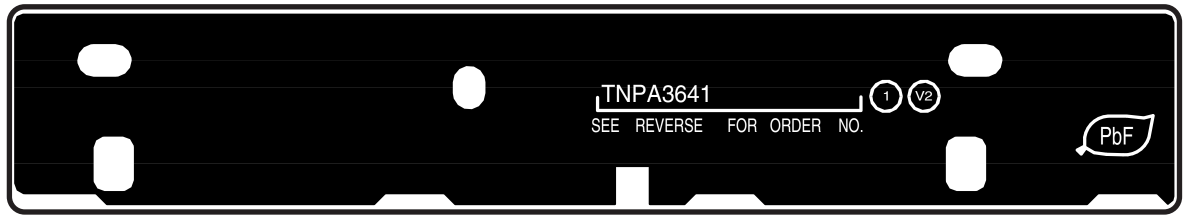
TH-37PWD8 SERIES SS-BOARD TNPA3544AB
TH-42PWD8 SERIES SS-BOARD TNPA3544

TH-37PWD8 SERIES SS-BOARD TNPA3544AB
TH-42PWD8 SERIES SS-BOARD TNPA3544

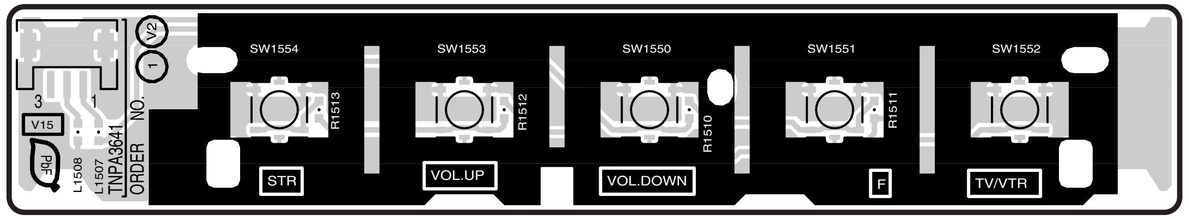
A B C D E F G H I

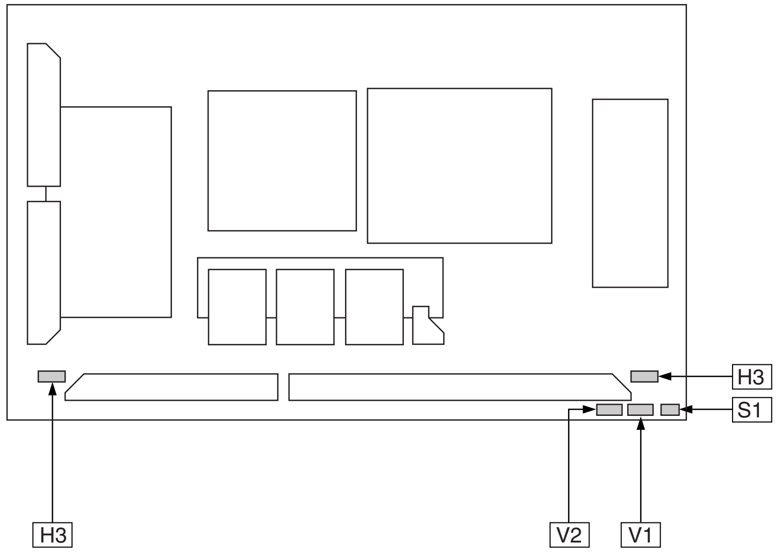
14.19. H3, S1, V1 and V2-Board

V2-BOARD(FOIL SIDE)
TNPA3641

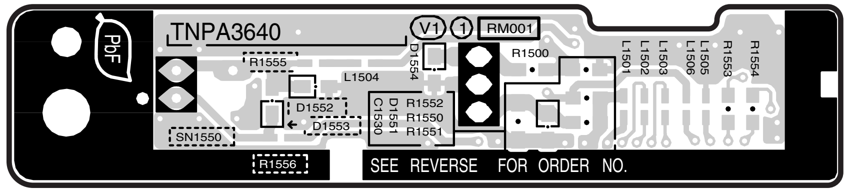

TNPA3641
SEE REVERSE FOR ORDER NO.
1
V2
PbF

V2-BOARD(COMPONENT SIDE)
TNPA3641

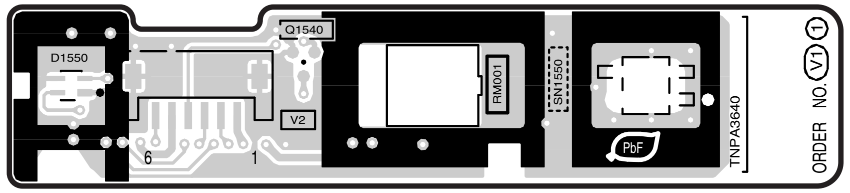

V2
1
3
1
V15
PbF
L1508
L1507
TNPA3641
ORDER NO.
SW1554
SW1553
SW1550
SW1551
SW1552
R1513
R1512
R1510
R1511
STR
VOL.UP
VOL.DOWN
F
TV/VTR


H3
S1
H3
V2
V1

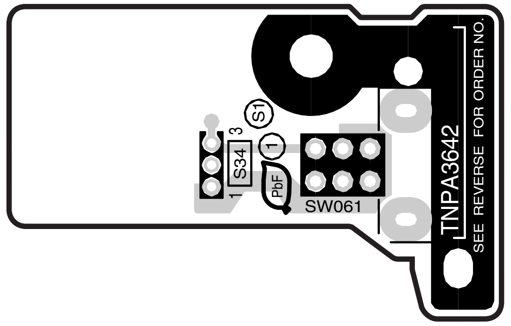
V1-BOARD(FOIL SIDE)
TNPA3640


PbF
TNPA3640
V1
1
RM001
R1555
L1504
D1554
R1500
L1501
L1502
L1503
L1505
L1506
R1553
R1554
D1552
D1553
C1530
D1551
R1552
R1550
R1551
SN1550
R1556
SEE REVERSE FOR ORDER NO.

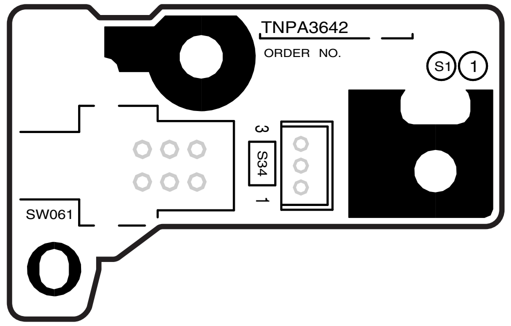
V1-BOARD(COMPONENT SIDE)
TNPA3640


D1550
Q1540
RM001
SN1550
V2
6
1
PbF
TNPA3640
ORDER NO.
V1
1

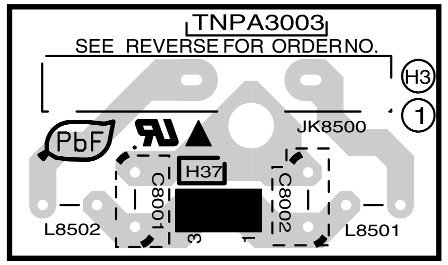
S1-BOARD(FOIL SIDE)
TNPA3642


S1
3
S34
1
PbF
SW061
TNPA3642
SEE REVERSE FOR ORDER NO.

S1-BOARD(COMPONENT SIDE)
TNPA3642


TNPA3642
ORDER NO.
S1
1
3
S34
1
SW061

H3-BOARD
TNPA3003


TNPA3003
SEE REVERSE FOR ORDER NO.
H3
1
PbF
JK8500
H37
C8001
C8002
3
1
L8502
L8501

TH-37/42PWD8 SERIES
V2-BOARD TNPA3641 V1-BOARD TNPA3640
S1-BOARD TNPA3642 H3-BOARD TNPA3003

TH-37/42PWD8 SERIES
V2-BOARD TNPA3641 V1-BOARD TNPA3640
S1-BOARD TNPA3642 H3-BOARD TNPA3003

15 Block and Schematic Diagrams

15.1. Schematic Diagram Notes

Important Safety Notice

Components identified by ⚠ mark have special characteristics important for safety.
When replacing any of these components, use only manufacture's specified parts.

Notes:

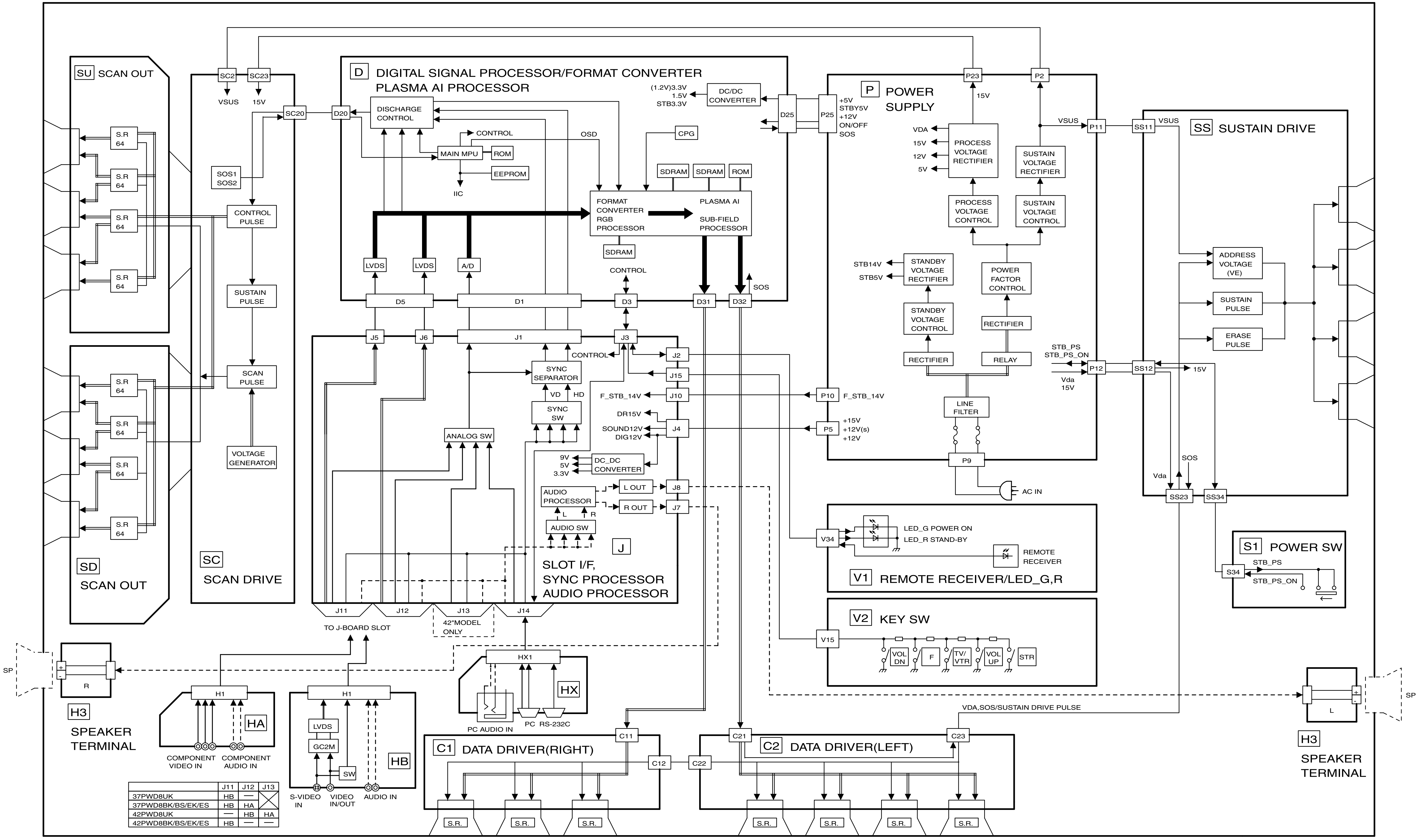
1. **Resistor**
   Unit of resistance is OHM [Ω] (K=1,000, M=1,000,000).
2. **Capacitor**
   Unit of capacitance is µF, unless otherwise noted.
3. Coil
   Unit of inductance is H, unless otherwise noted.
4. Test Point
   ⚲ : Test Point position
5. Earth Symbol
   ⏚ : Chassis Earth (Cold) ▽ : Line Earth (Hot)
6. Voltage Measurement
   Voltage is measured by a DC voltmeter.
   Conditions of the measurement are the following:
   Power Source .... AC120V, 50/60Hz (GK/GS/UK)
   AC220-240V, 50/60Hz (BK/BS/EK/ES)
   Receiving Signal .... Colour Bar signal (RF)
   All customer's controls .... Maximum positions
7. When arrow mark (↗) is found, connection is easily found from the direction of arrow.

8. Indicates the major signal flow. : Video ➡ Audio ⇨
9. This schematic diagram is the latest at the time of printing and subject to change without notice.

Remarks:

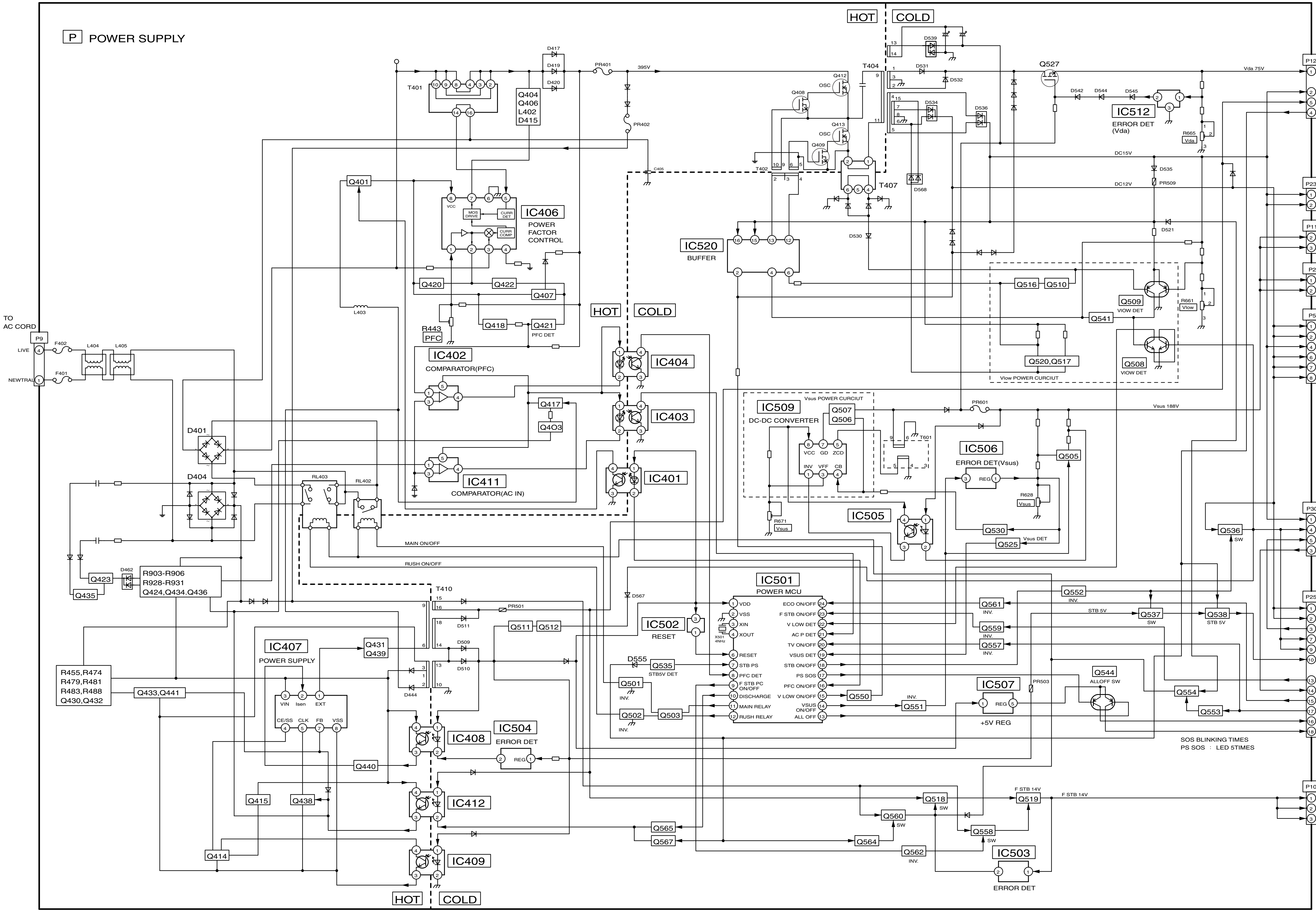
1. The Power Circuit contains a circuit area which uses a separate power supply to isolate the earth connection.
   The circuit is defined by HOT and COLD indications in the schematic diagram. Take the follwing precautions.
   All circuits, except the Power Circuit, are cold.
   Precautions
   a. Do not touch the hot part or the hot and cold parts at the same time or you may be shocked.
   b. Do not short- circuit the hot and cold circuits or a fuse may blow and parts may break.
   c. Do not connect an instrument, such as an oscilloscope, to the hot and cold circuits simultaneously or a fuse may blow.
   Connect the earth of instruments to the earth connection of the circuit being measured.
   d. Make sure to disconnect the power plug before removing the chassis.

15.2. Main Block Diagram


SU SCAN OUT
S.R 64
SD SCAN OUT
SC SCAN DRIVE
SC2
SC23
VSUS
15V
SC20
SOS1
SOS2
CONTROL PULSE
SUSTAIN PULSE
SCAN PULSE
VOLTAGE GENERATOR
D DIGITAL SIGNAL PROCESSOR/FORMAT CONVERTER
PLASMA AI PROCESSOR
D20
DISCHARGE CONTROL
MAIN MPU
ROM
EEPROM
CONTROL
OSD
IIC
(1.2V)3.3V
1.5V
STB3.3V
DC/DC CONVERTER
CPG
SDRAM
SDRAM
ROM
FORMAT CONVERTER RGB PROCESSOR
PLASMA AI SUB-FIELD PROCESSOR
SDRAM
LVDS
LVDS
A/D
CONTROL
SOS
D5
D1
D3
D31
D32
D25
P25
+5V
STBY5V
+12V
ON/OFF
SOS
J5
J6
J1
J3
J2
J15
J10
J4
J8
J7
CONTROL
SYNC SEPARATOR
VD
HD
SYNC SW
ANALOG SW
F_STB_14V
DR15V
SOUND12V
DIG12V
9V
5V
3.3V
DC_DC CONVERTER
AUDIO PROCESSOR
L
R
L OUT
R OUT
AUDIO SW
J
SLOT I/F,
SYNC PROCESSOR
AUDIO PROCESSOR
J11
J12
J13
J14
TO J-BOARD SLOT
42"MODEL ONLY
P POWER SUPPLY
P23
P2
15V
VDA
15V
12V
5V
PROCESS VOLTAGE RECTIFIER
SUSTAIN VOLTAGE RECTIFIER
PROCESS VOLTAGE CONTROL
SUSTAIN VOLTAGE CONTROL
VSUS
P11
STB14V
STB5V
STANDBY VOLTAGE RECTIFIER
POWER FACTOR CONTROL
STANDBY VOLTAGE CONTROL
RECTIFIER
RECTIFIER
RELAY
STB_PS
STB_PS_ON
Vda
15V
P12
P10
F_STB_14V
P5
+15V
+12V(s)
+12V
LINE FILTER
P9
AC IN
SS11
VSUS
SS SUSTAIN DRIVE
ADDRESS VOLTAGE (VE)
SUSTAIN PULSE
ERASE PULSE
SS12
15V
SOS
Vda
SS23
SS34
S1 POWER SW
STB_PS
STB_PS_ON
S34
V34
LED_G POWER ON
LED_R STAND-BY
REMOTE RECEIVER
V1 REMOTE RECEIVER/LED_G,R
V2 KEY SW
V15
VOL DN
F
TV/ VTR
VOL UP
STR
SP
+
-
R
H3
SPEAKER TERMINAL
H1
HA
COMPONENT VIDEO IN
COMPONENT AUDIO IN
H1
LVDS
GC2M
SW
HB
S-VIDEO IN
VIDEO IN/OUT
AUDIO IN
HX1
HX
PC AUDIO IN
PC
RS-232C
C11
C1 DATA DRIVER(RIGHT)
C12
C22
C21
C2 DATA DRIVER(LEFT)
C23
VDA,SOS/SUSTAIN DRIVE PULSE
S.R.
L
SP
H3
SPEAKER TERMINAL

	J11	J12	J13
37PWD8UK	HB	—	☒
37PWD8BK/BS/EK/ES	HB	HA	
42PWD8UK	—	HB	HA
42PWD8BK/BS/EK/ES	HB	—	—

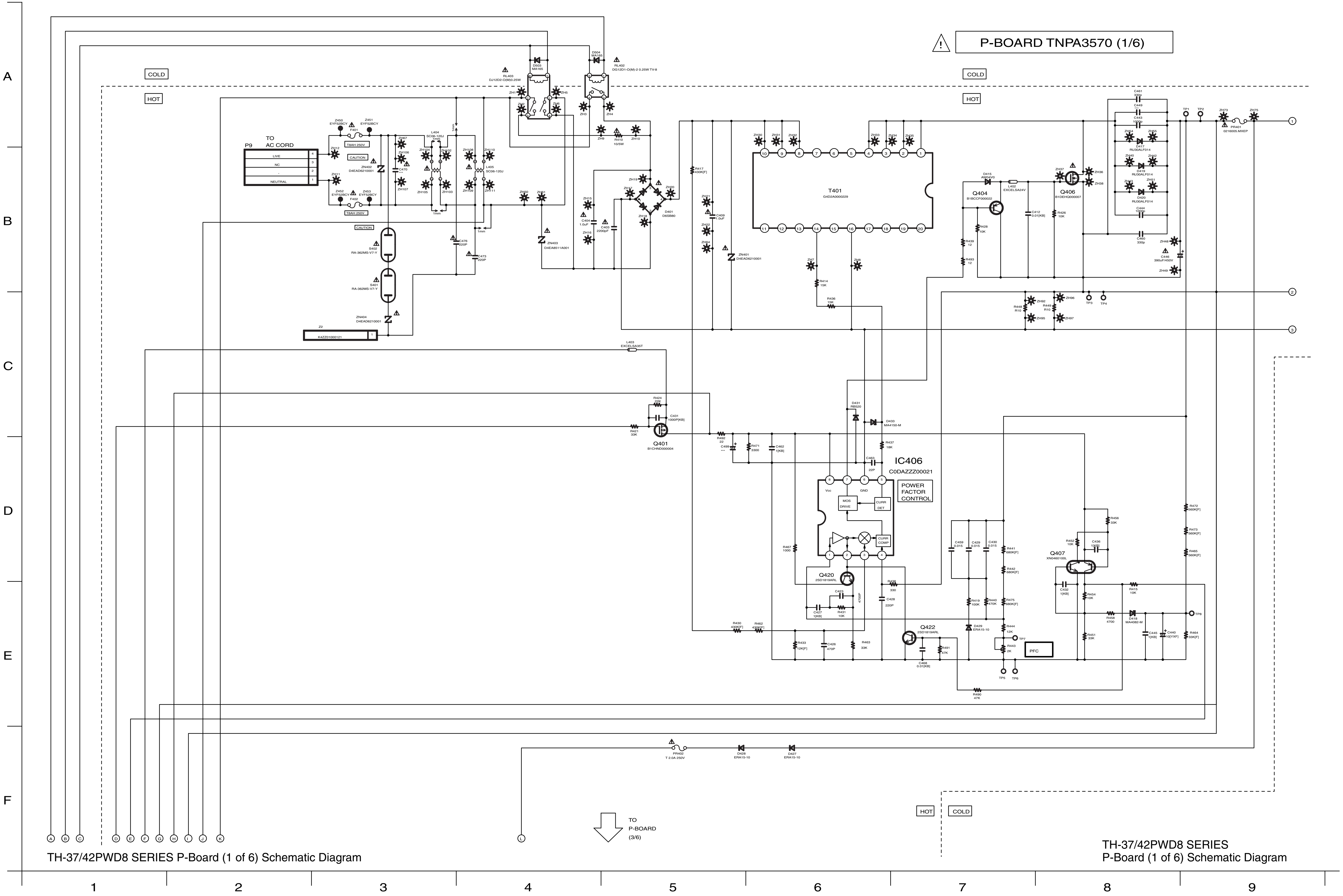
15.3. P-Board Block Diagram


P
POWER SUPPLY
HOT
COLD
TO
AC CORD
P9
LIVE
NEWTRAL
F402
F401
L404
L405
T401
Q404
Q406
L402
D415
D417
D419
D420
PR401
395V
PR402
C405
Q401
IC406
POWER
FACTOR
CONTROL
VCC
MOS DRIVE
CURR DET
CURR COMP
Q420
Q422
Q407
L403
R443
PFC
Q418
Q421
PFC DET
IC402
COMPARATOR(PFC)
Q417
Q403
D401
D404
RL403
RL402
IC411
COMPARATOR(AC IN)
IC404
IC403
IC401
MAIN ON/OFF
RUSH ON/OFF
D462
Q423
Q435
R903-R906
R928-R931
Q424,Q434.Q436
T410
PR501
D511
D509
D510
D444
Q511
Q512
IC407
POWER SUPPLY
Q431
Q439
VIN
Isen
EXT
CE/SS
CLK
FB
VSS
R455,R474
R479,R481
R483,R488
Q430,Q432
Q433,Q441
Q440
IC408
IC504
ERROR DET
REG
IC412
Q415
Q438
Q414
IC409
T404
Q412
Q408
OSC
Q413
Q409
T402
T407
D539
D531
D532
D534
D536
D568
D530
IC520
BUFFER
Q527
D542
D544
D545
IC512
ERROR DET
(Vda)
R665
Vda
DC15V
D535
PR509
DC12V
D521
Q516
Q510
Q509
VIOW DET
R661
Vlow
Q541
Q520,Q517
Q508
VIOW DET
Vlow POWER CURCIUT
Vda 75V
P12
TO
SS12
Vda
+15V
STB12V
STB_PS
P23
TO
SC23
+15V
+15V
P11
TO
SS11
Vsus
Vsus
P2
TO
SC2
Vsus
Vsus
P5
TO
PB5
+12V
+12V
+15V
+12Vs
+12Vs
+12Vs
IC509
Vsus POWER CURCIUT
DC-DC CONVERTER
Q507
Q506
VCC
GD
ZCD
INV
VFF
CB
R671
Vsus
PR601
Vsus 188V
T601
IC506
ERROR DET(Vsus)
REG
R628
Vsus
Q505
IC505
Q530
Q525
Vsus DET
P30
NO
USE
+15V
+5V
FAN CONT
FAN SOS
Q536
SW
D567
IC501
POWER MCU
VDD
VSS
XIN
XOUT
X501
4NHz
RESET
STB PS
PFC DET
F STB PC ON/OFF
DISCHARGE
MAIN RELAY
RUSH RELAY
ECO ON/OFF
F STB ON/OFF
V LOW DET
AC P DET
TV ON/OFF
VSUS DET
STB ON/OFF
PS SOS
PFC ON/OFF
V LOW ON/OFF
VSUS ON/OFF
ALL OFF
IC502
RESET
D555
Q535
STB5V DET
Q501
INV.
Q502
INV.
Q503
Q550
Q551
INV.
Q561
INV.
Q559
INV.
Q557
INV.
Q552
INV.
STB 5V
Q537
SW
Q538
STB 5V
IC507
PR503
REG
+5V REG
Q544
ALLOFF SW
Q554
Q553
P25
TO
D25
12V
12V
FAN CONT
+5V
+5V
STB5V
F STBY ON
FAN SOS
ECO_ON
PANEL MAIN ON
PS SOS
ALL OFF
SOS BLINKING TIMES
PS SOS : LED 5TIMES
P10
TO
PA10
F STB 14V
F STB 14V
F STB 14V
F STB 14V
F STB 14V
Q518
SW
Q519
Q560
SW
Q558
SW
Q565
Q567
Q564
Q562
INV.
IC503
ERROR DET

TH-37/42PWD8 SERIES
P-Board Block Diagram

TH-37/42PWD8 SERIES
P-Board Block Diagram

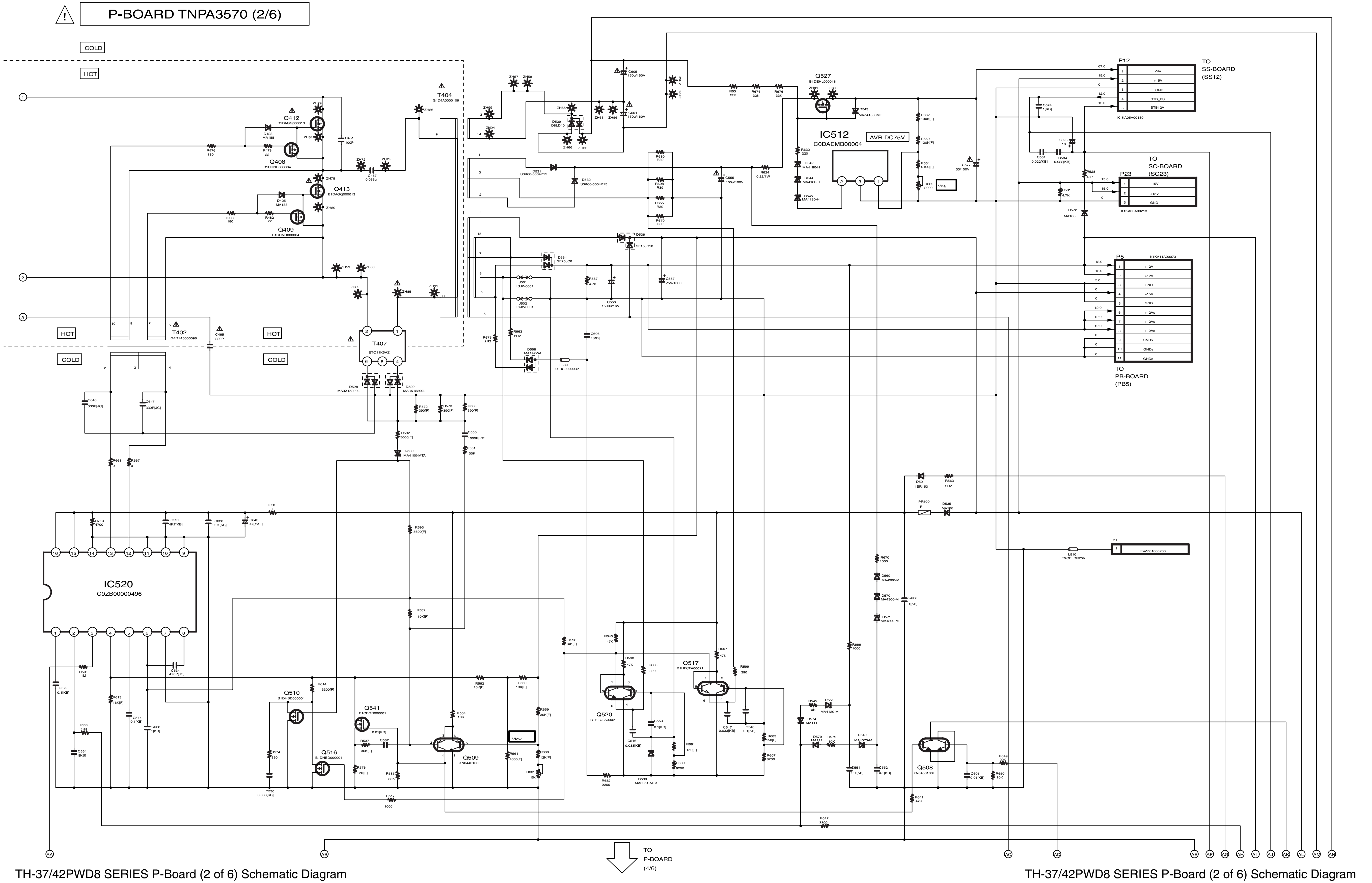
15.4. P-Board (1 of 6) Schematic Diagram


P-BOARD TNPA3570 (1/6)
COLD
HOT
P9
TO
AC CORD
LIVE
NC
-
NEUTRAL
Z450 EYF52BCY
Z451 EYF52BCY
F401
T8AH 250V
Z452 EYF52BCY
Z453 EYF52BCY
F402
T8AH 250V
CAUTION
ZN402 D4EAD6210001
C470 ***
L404 SC06-120J
L405 SC06-120J
1mm
C476 220P
C473 220P
S402 RA-362MS-V7-Y
S401 RA-362MS-V7-Y
ZN404 D4EAD6210001
Z2 K4ZZ01000121
RL403 DJ12D2-O(M)0.25W
D503 MA165
D504 MA165
RL402 DG12D1-O(M)-2 0.25W TV-8
R410 10/5W
ZN403 D4EA8511A001
C404 1.0uF
C403 2200pF
D401 D6SB80
R417 430K[F]
C409 1.0uF
ZN401 D4EAD6210001
T401 G4D2A0000229
R414 15K
R436 15K
D415 AW04V0
L402 EXCELSA24V
Q404 B1BCCF000022
Q406 B1DEHQ000007
C412 0.01[KB]
R426 10K
R428 10K
R439 12
R493 12
C461 330p
C449 ***
C443 1000p
D417 RU30ALF014
D419 RU30ALF014
D420 RU30ALF014
C444 1000p
C460 330p
C446 390uF/450V
TP1
TP2
TP3
TP4
PR401 0216005.MXEP
R448 R10
R449 R10
L403 EXCELSA35T
R424 22K
C431 1000P[KB]
R421 33K
Q401 B1CHND000004
R492 22
C499 ***
R471 3300
C462 1[KB]
D431 RB520
D433 MA4150-M
R437 18K
C463 22P
IC406
C0DAZZZ00021
POWER FACTOR CONTROL
Vcc
GND
MOS DRIVE
CURR DET
CURR COMP
R467 1000
Q420 2SD1819ARL
C423 4700P
C427 1[KB]
R431 10K
R438 330
C428 220P
R430 430K[F]
R462 430K[F]
R433 12K[F]
C426 470P
R463 33K
Q422 2SD1819ARL
C468 0.01[KB]
R491 47K
R490 47K
C459 0.015
C429 0.015
C430 0.015
R441 680K[F]
R442 680K[F]
R419 100K
R440 470K
R475 680K[F]
D429 ERA15-10
R444 12K
R443 2K
TP5
TP6
TP7
PFC
Q407 XN0460100L
R456 33K
R452 10K
C436 1[KB]
C432 1[KB]
R454 10K
R451 33K
R415 10K
R458 4700
D418 MA4082-M
C445 1[KB]
C440 10[YXF]
R472 560K[F]
R473 560K[F]
R465 560K[F]
R464 33K[F]
TP8
PR402 T 2.0A 250V
D428 ERA15-10
D427 ERA15-10
TO P-BOARD (3/6)
A B C D E F G H I J K L
1 2 3
A
B
C
D
E
F
1
2
3
4
5
6
7
8
9

TH-37/42PWD8 SERIES P-Board (1 of 6) Schematic Diagram

TH-37/42PWD8 SERIES
P-Board (1 of 6) Schematic Diagram

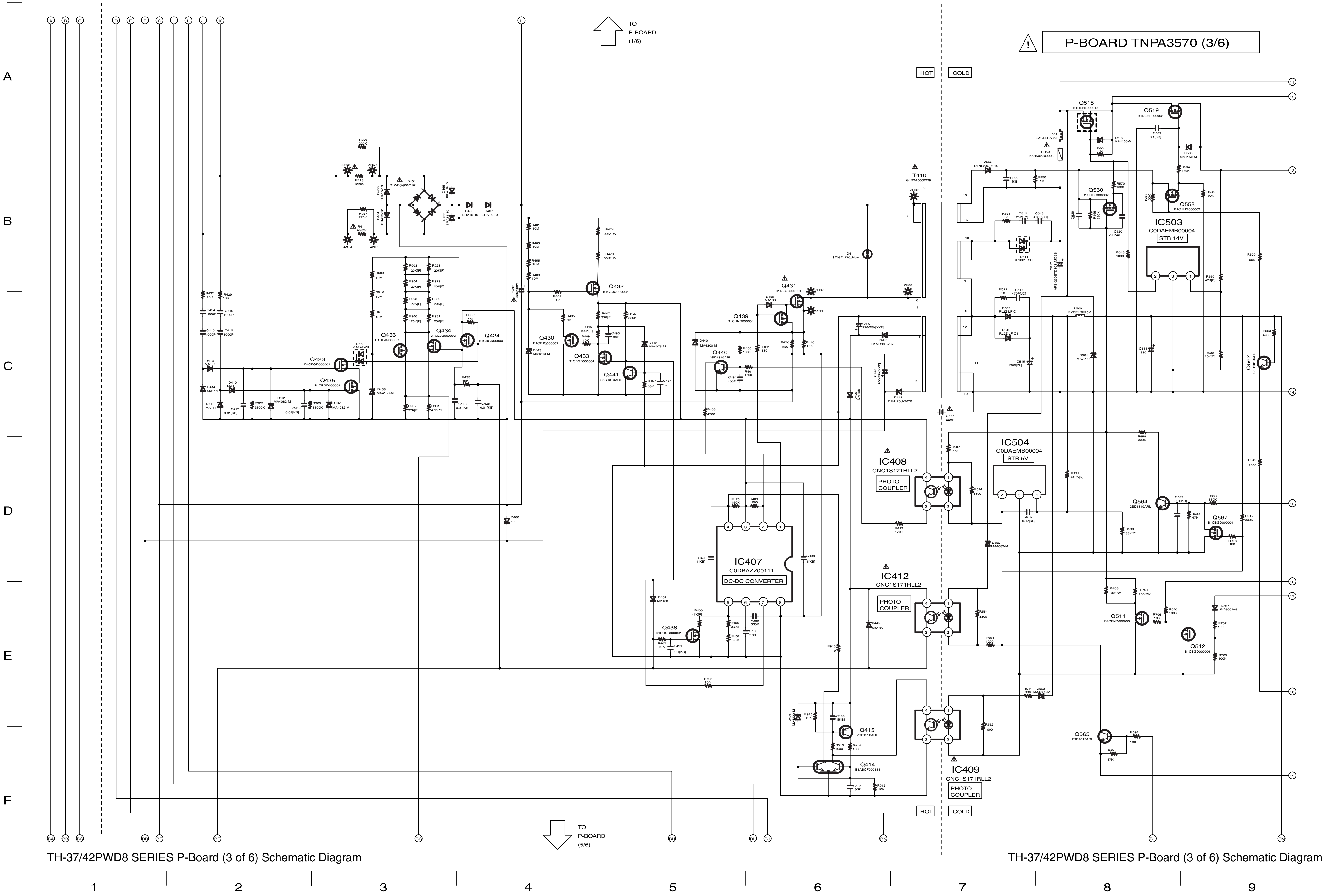
15.5. P-Board (2 of 6) Schematic Diagram


P-BOARD TNPA3570 (2/6)
COLD
HOT
T404
G4D4A0000109
Q412
B1DAGQ000013
Q408
B1CHND000004
Q413
B1DAGQ000013
Q409
B1CHND000004
T402
G4D1A0000098
T407
ETQ11K5AZ
D528
MA3X15300L
D529
MA3X15300L
IC520
C9ZB00000496
Q510
B1DHBD000004
Q516
B1DHBD000004
Q541
B1CBGD000001
Q509
XN0440100L
Q520
B1HFCFA00021
Q517
B1HFCFA00021
Q527
B1DEHL000018
IC512
C0DAEMB00004
AVR DC75V
Vda
Vlow
Q508
XN0450100L
P12
K1KA05A00139
TO
SS-BOARD
(SS12)
Vda
+15V
GND
STB_PS
STB12V
P23
K1KA03A00213
TO
SC-BOARD
(SC23)
+15V
+15V
GND
P5
K1KA11A00073
+12V
+12V
GND
+15V
GND
+12Vs
+12Vs
+12Vs
GNDs
GNDs
GNDs
TO
PB-BOARD
(PB5)
Z1
K4ZZ01000206
L510
EXCELDR25V
AA
AB
AC
AD
AE
AF
AG
AH
AI
AJ
AK
AL
AM
AN
TO
P-BOARD
(4/6)
10
11
12
13
14
15
16
17
18

TH-37/42PWD8 SERIES P-Board (2 of 6) Schematic Diagram

TH-37/42PWD8 SERIES P-Board (2 of 6) Schematic Diagram

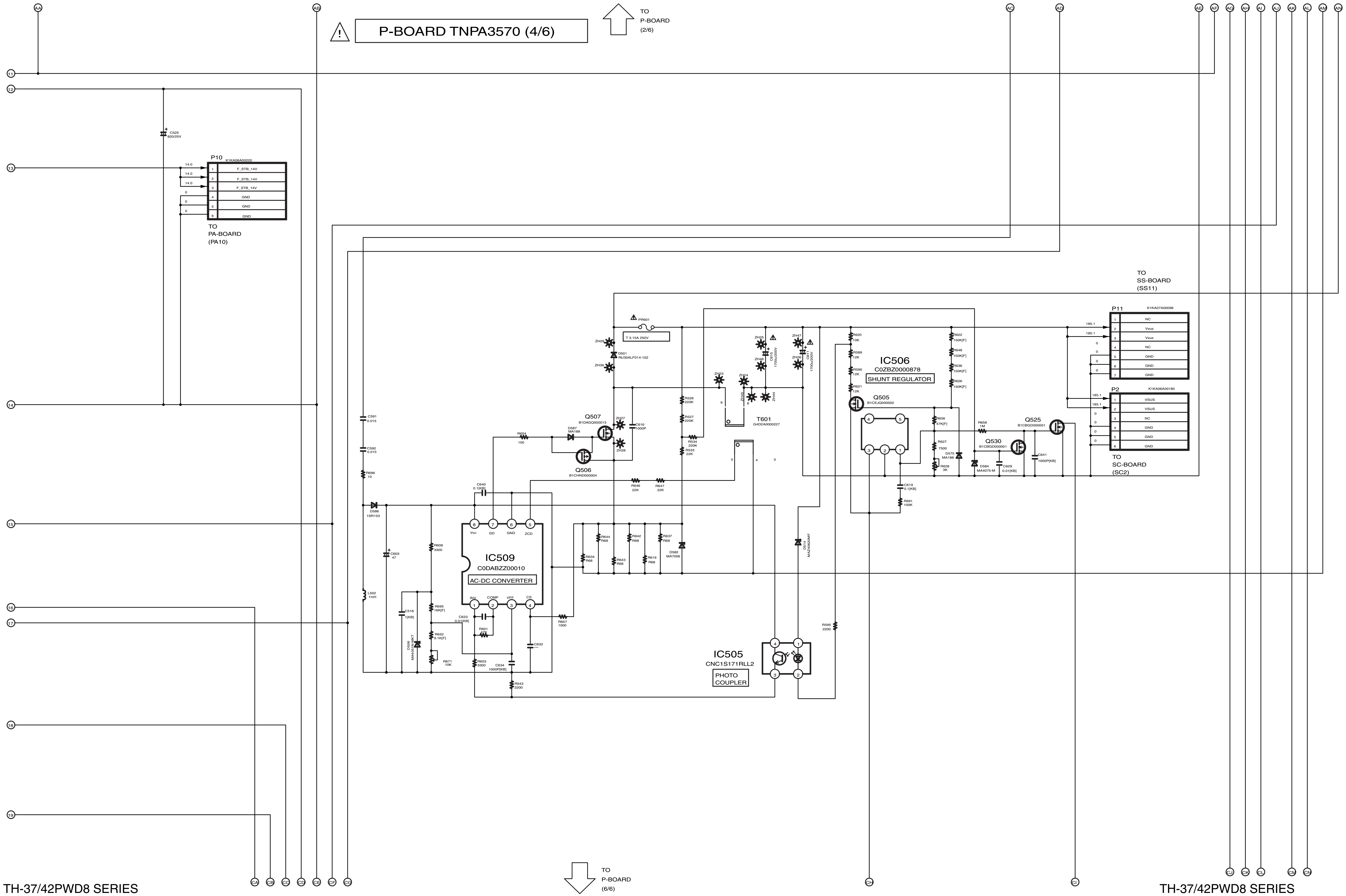
15.6. P-Board (3 of 6) Schematic Diagram


TO
P-BOARD
(1/6)
P-BOARD TNPA3570 (3/6)
HOT
COLD
T410
G4D2A0000229
Q518
B1DEHL000018
Q519
B1DEHF000002
Q560
B1CHHG000002
Q558
B1CHHG000002
IC503
C0DAEMB00004
STB 14V
Q432
B1CEJQ000002
Q431
B1DEGS000001
Q439
B1CHND000004
Q440
2SD1819ARL
Q436
B1CEJQ000002
Q434
B1CEJQ000002
Q424
B1CBGD000001
Q423
B1CBGD000001
Q435
B1CBGD000001
Q430
B1CEJQ000002
Q433
B1CBGD000001
Q441
2SD1819ARL
Q562
2SD1819ARL
IC504
C0DAEMB00004
STB 5V
IC408
CNC1S171RLL2
PHOTO
COUPLER
IC407
C0DBAZZ00111
DC-DC CONVERTER
Q438
B1CBGD000001
IC412
CNC1S171RLL2
PHOTO
COUPLER
Q564
2SD1819ARL
Q567
B1CBGD000001
Q511
B1CFND000005
Q512
B1CBGD000001
Q415
2SB1218ARL
Q414
B1ABCF000134
Q565
2SD1819ARL
IC409
CNC1S171RLL2
PHOTO
COUPLER
TO
P-BOARD
(5/6)
A
B
C
D
E
F
1
2
3
4
5
6
7
8
9

TH-37/42PWD8 SERIES P-Board (3 of 6) Schematic Diagram

TH-37/42PWD8 SERIES P-Board (3 of 6) Schematic Diagram

15.7. P-Board (4 of 6) Schematic Diagram

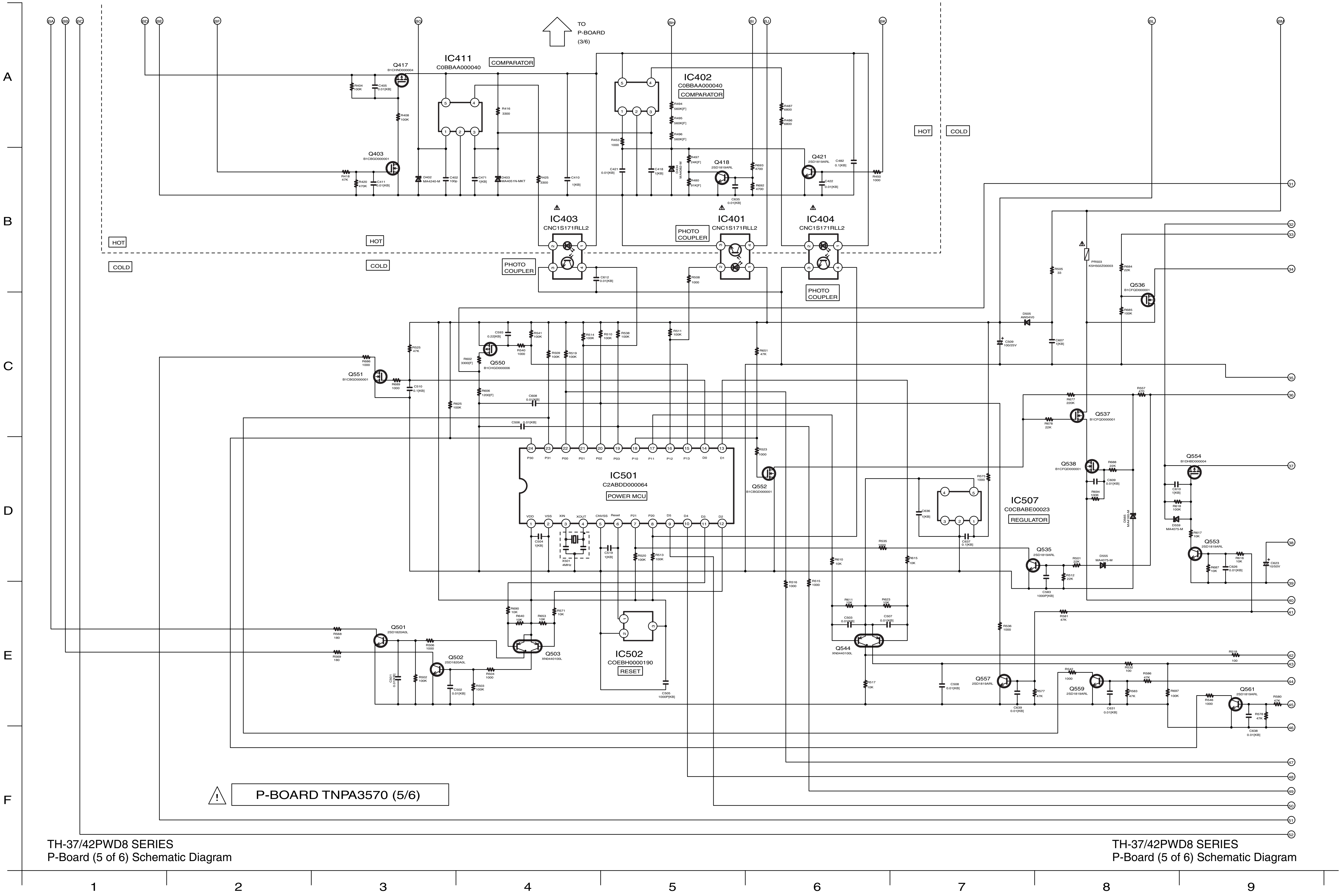

P-BOARD TNPA3570 (4/6)
TO
P-BOARD
(2/6)
C525
820/25V
P10
K1KA06A00220
F_STB_14V
GND
14.0
TO
PA-BOARD
(PA10)
TO
SS-BOARD
(SS11)
P11
K1KA07A00096
NC
Vsus
GND
185.1
P2
K1KA06A00180
VSUS
TO
SC-BOARD
(SC2)
PR601
T 3.15A 250V
ZH29
D501
RU30ALF014-102
ZH39
ZH25
C615
1700u/200V
ZH46
ZH47
C611
1700u/200V
ZH26
ZH23
ZH24
ZH45
ZH44
R620
10K
R589
12K
R590
12K
R621
12K
IC506
C0ZBZ0000878
SHUNT REGULATOR
Q505
B1CEJQ000002
R622
150K[F]
R648
150K[F]
R636
150K[F]
R626
150K[F]
R656
47K[F]
R627
7500
D575
MA188
R628
3K
R658
1M
Q530
B1CBGD000001
D584
MA4075-M
C629
0.01[KB]
Q525
B1CBGD000001
C641
1000P[KB]
C619
0.1[KB]
R691
100K
R526
220K
R527
220K
R534
220K
R533
22K
T601
G4D2A0000227
Q507
B1DAGQ000013
D587
MA188
R654
100
ZH27
ZH28
C616
1000P
Q506
B1CHND000004
R646
22K
R647
22K
C591
0.015
C592
0.015
R696
10
D586
1SR153
C603
47
L502
1mH
R608
3300
C640
0.1[KB]
IC509
C0DABZZ00010
AC-DC CONVERTER
Vcc
GD
GND
ZCD
INV
COMP
VFF
CS
C518
1[KB]
D506
MA4051N-MKT
R695
16K[F]
R652
9.1K[F]
R671
10K
C633
0.01[KB]
R601
47K
R603
3300
C634
1000P[KB]
R543
2200
C632
***
R657
1000
R644
R68
R642
R68
R637
R68
R634
R68
R643
R68
R619
R68
D582
MA7056
D514
MAZ40620MF
R595
2200
IC505
CNC1S171RLL2
PHOTO
COUPLER
TO
P-BOARD
(6/6)

TH-37/42PWD8 SERIES
P-Board (4 of 6) Schematic Diagram

TH-37/42PWD8 SERIES
P-Board (4 of 6) Schematic Diagram

10 11 12 13 14 15 16 17 18

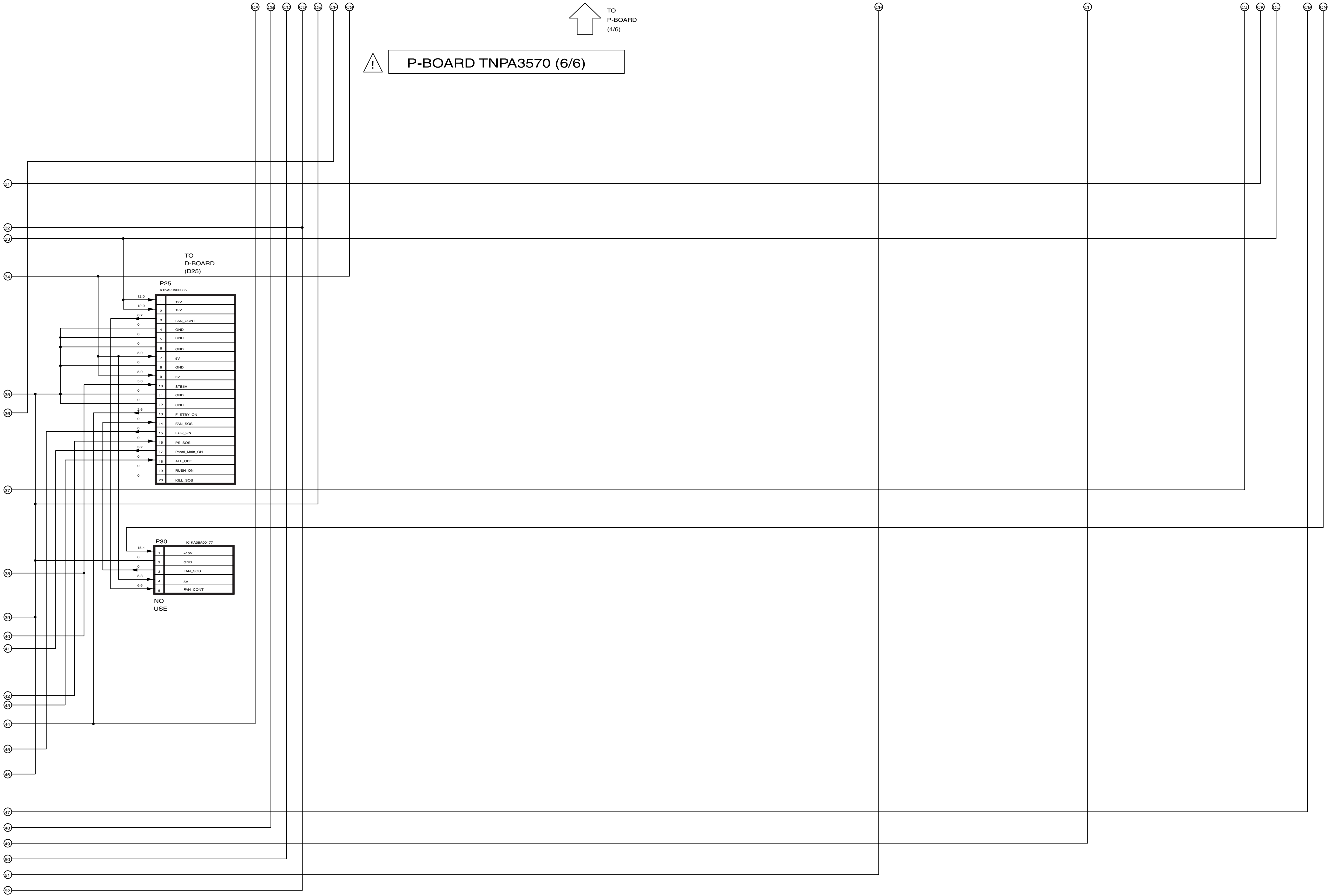
15.8. P-Board (5 of 6) Schematic Diagram


TO
P-BOARD
(3/6)
IC411
C0BBAA000040
COMPARATOR
IC402
C0BBAA000040
COMPARATOR
Q417
B1CHND000004
Q403
B1CBGD000001
Q418
2SD1819ARL
Q421
2SD1819ARL
HOT
COLD
IC403
CNC1S171RLL2
IC401
CNC1S171RLL2
IC404
CNC1S171RLL2
PHOTO
COUPLER
Q550
B1CHGD000006
Q551
B1CBGD000001
Q536
B1CFQD000001
Q537
B1CFQD000001
Q538
B1CFQD000001
Q554
B1DHBD000004
Q553
2SD1819ARL
Q552
B1CBGD000001
IC501
C2ABDD000064
POWER MCU
IC507
C0CBABE00023
REGULATOR
Q535
2SD1819ARL
IC502
COEBH0000190
RESET
Q501
2SD1820A0L
Q502
2SD1820A0L
Q503
XN0440100L
Q544
XN0440100L
Q557
2SD1819ARL
Q559
2SD1819ARL
Q561
2SD1819ARL
X501
4MHz
PR503
K5H502Z00003
P-BOARD TNPA3570 (5/6)
A
B
C
D
E
F
1
2
3
4
5
6
7
8
9

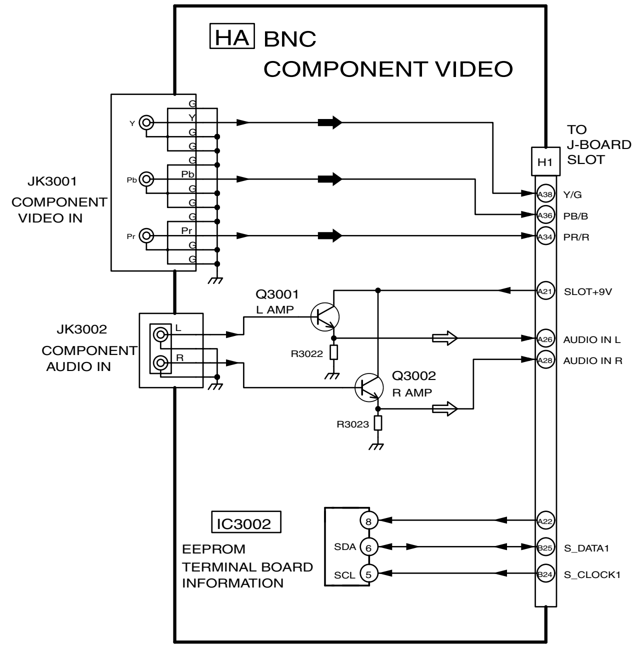
TH-37/42PWD8 SERIES
P-Board (5 of 6) Schematic Diagram

TH-37/42PWD8 SERIES
P-Board (5 of 6) Schematic Diagram

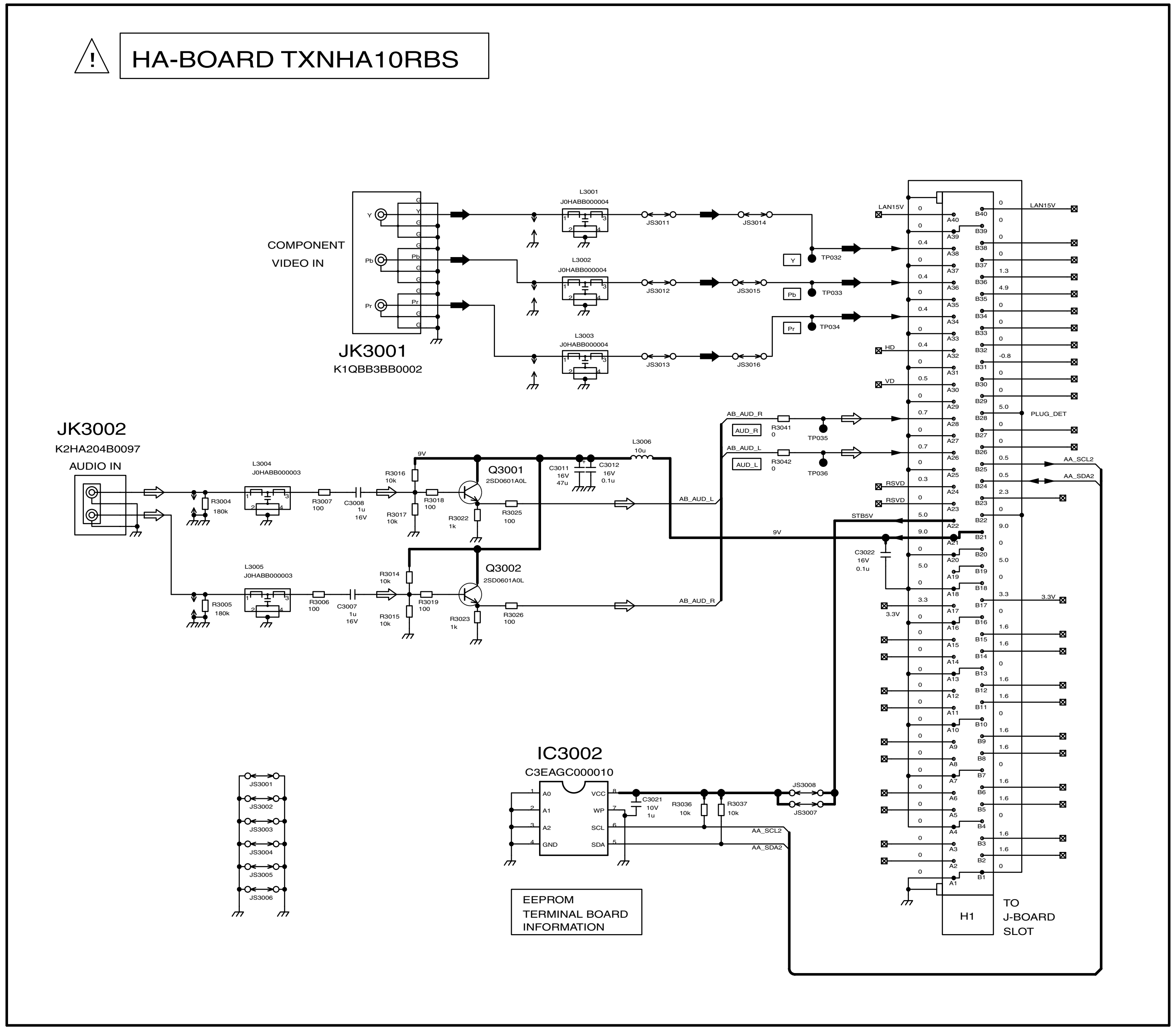
15.9. P-Board (6 of 6) Schematic Diagram


CA
CB
CC
CD
CE
CF
CG
TO
P-BOARD
(4/6)
CH
CI
CJ
CK
CL
CM
CN
P-BOARD TNPA3570 (6/6)
31
32
33
34
35
36
37
38
39
40
41
42
43
44
45
46
47
48
49
50
51
52
TO
D-BOARD
(D25)
P25
K1KA20A00085
12.0
12.0
6.7
0
0
0
5.0
0
5.0
5.0
0
0
2.6
0
0
0
3.2
0
0
0
1 12V
2 12V
3 FAN_CONT
4 GND
5 GND
6 GND
7 5V
8 GND
9 5V
10 STB5V
11 GND
12 GND
13 F_STBY_ON
14 FAN_SOS
15 ECO_ON
16 PS_SOS
17 Panel_Main_ON
18 ALL_OFF
19 RUSH_ON
20 KILL_SOS
P30
K1KA05A00177
15.4
0
0
5.3
6.6
1 +15V
2 GND
3 FAN_SOS
4 5V
5 FAN_CONT
NO
USE

15.10. HA-Board Block and Schematic Diagram

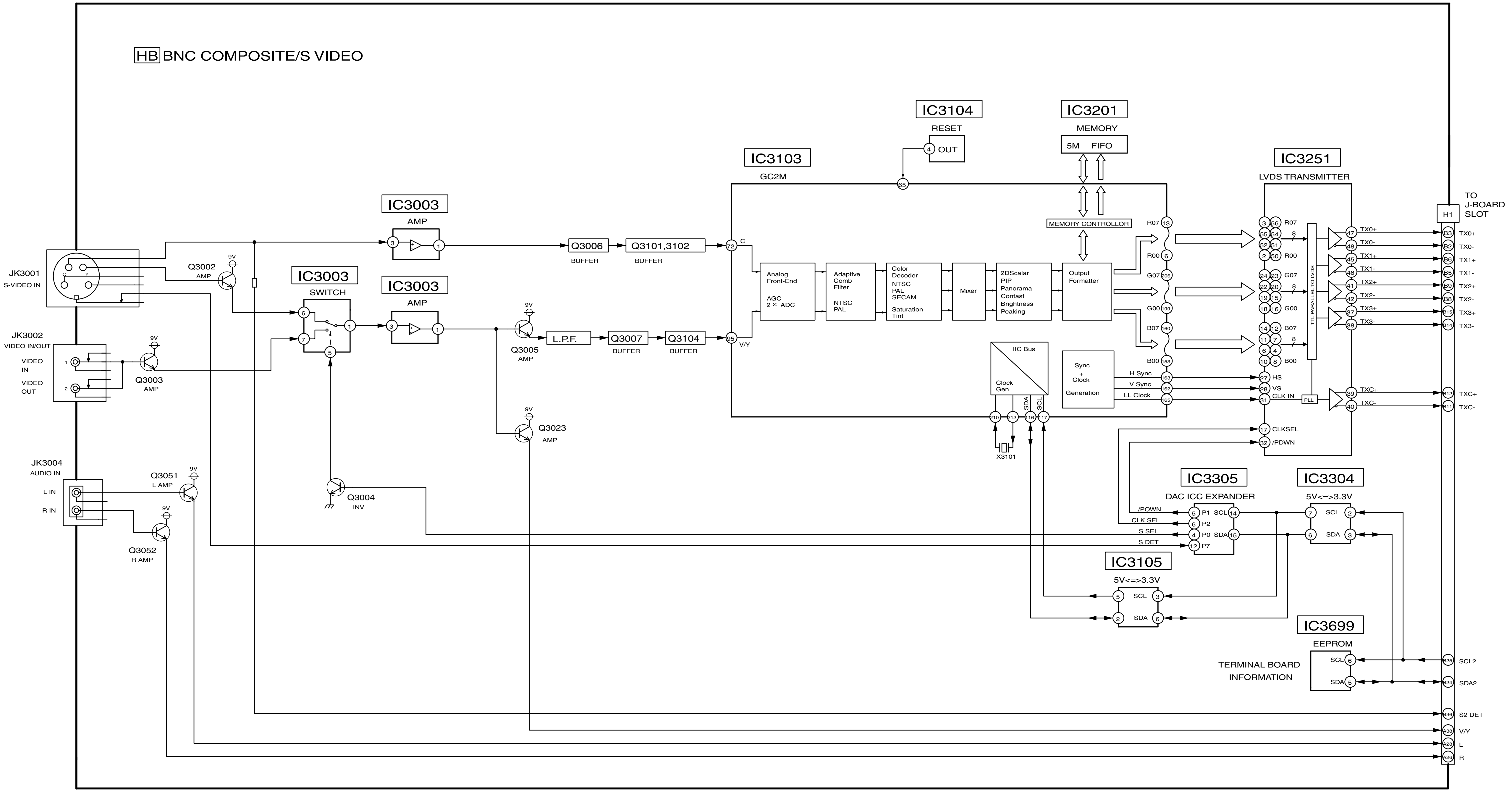

HA BNC
COMPONENT VIDEO
JK3001
COMPONENT VIDEO IN
Y
Pb
Pr
G
JK3002
COMPONENT AUDIO IN
L
R
Q3001
L AMP
R3022
Q3002
R AMP
R3023
TO J-BOARD SLOT
H1
A38 Y/G
A36 PB/B
A34 PR/R
A21 SLOT+9V
A26 AUDIO IN L
A28 AUDIO IN R
A22
B25 S_DATA1
B24 S_CLOCK1
IC3002
EEPROM
TERMINAL BOARD INFORMATION
8
SDA 6
SCL 5

TH-37/42PWD8UK
HA-Board Block and Schematic Diagram

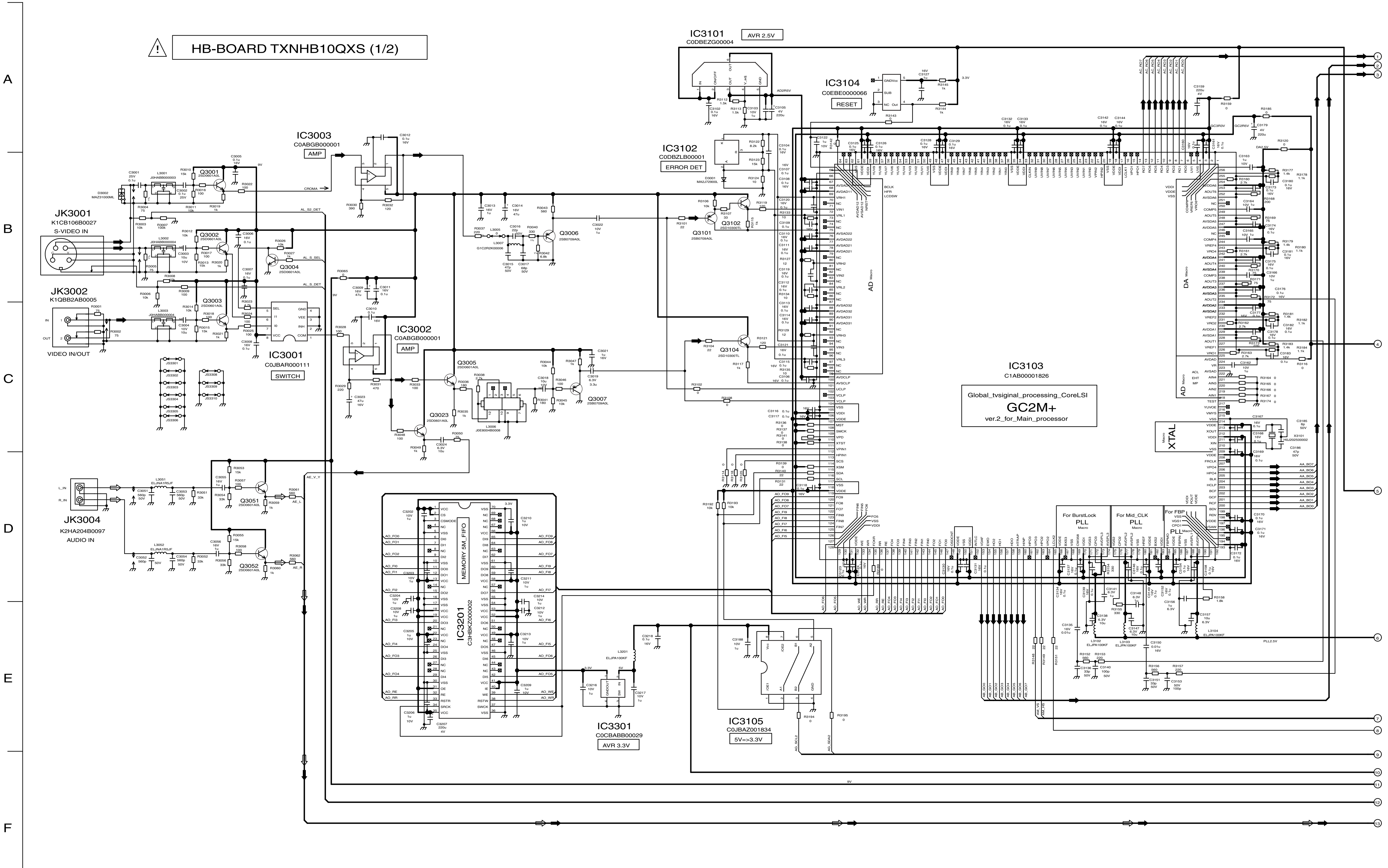

HA-BOARD TXNHA10RBS
COMPONENT VIDEO IN
JK3001
K1QBB3BB0002
Y
Pb
Pr
G
L3001
L3002
L3003
J0HABB000004
JS3011
JS3012
JS3013
JS3014
JS3015
JS3016
TP032
TP033
TP034
JK3002
K2HA204B0097
AUDIO IN
R3004 180k
R3005 180k
L3004
L3005
J0HABB000003
R3007 100
R3006 100
C3008 1u 16V
C3007 1u 16V
R3016 10k
R3017 10k
R3014 10k
R3015 10k
R3018 100
R3019 100
9V
Q3001
Q3002
2SD0601A0L
R3022 1k
R3023 1k
R3025 100
R3026 100
C3011 16V 47u
C3012 16V 0.1u
L3006 10u
AB_AUD_L
AB_AUD_R
AUD_R
AUD_L
R3041 0
R3042 0
TP035
TP036
LAN15V
HD
VD
RSVD
STB5V
C3022 16V 0.1u
3.3V
PLUG_DET
AA_SCL2
AA_SDA2
IC3002
C3EAGC000010
A0
A1
A2
GND
VCC
WP
SCL
SDA
C3021 10V 1u
R3036 10k
R3037 10k
JS3007
JS3008
JS3001
JS3002
JS3003
JS3004
JS3005
JS3006
EEPROM
TERMINAL BOARD INFORMATION
H1
TO J-BOARD SLOT

TH-37/42PWD8UK
HA-Board Block and Schematic Diagram

15.11. HB-Board Block Diagram

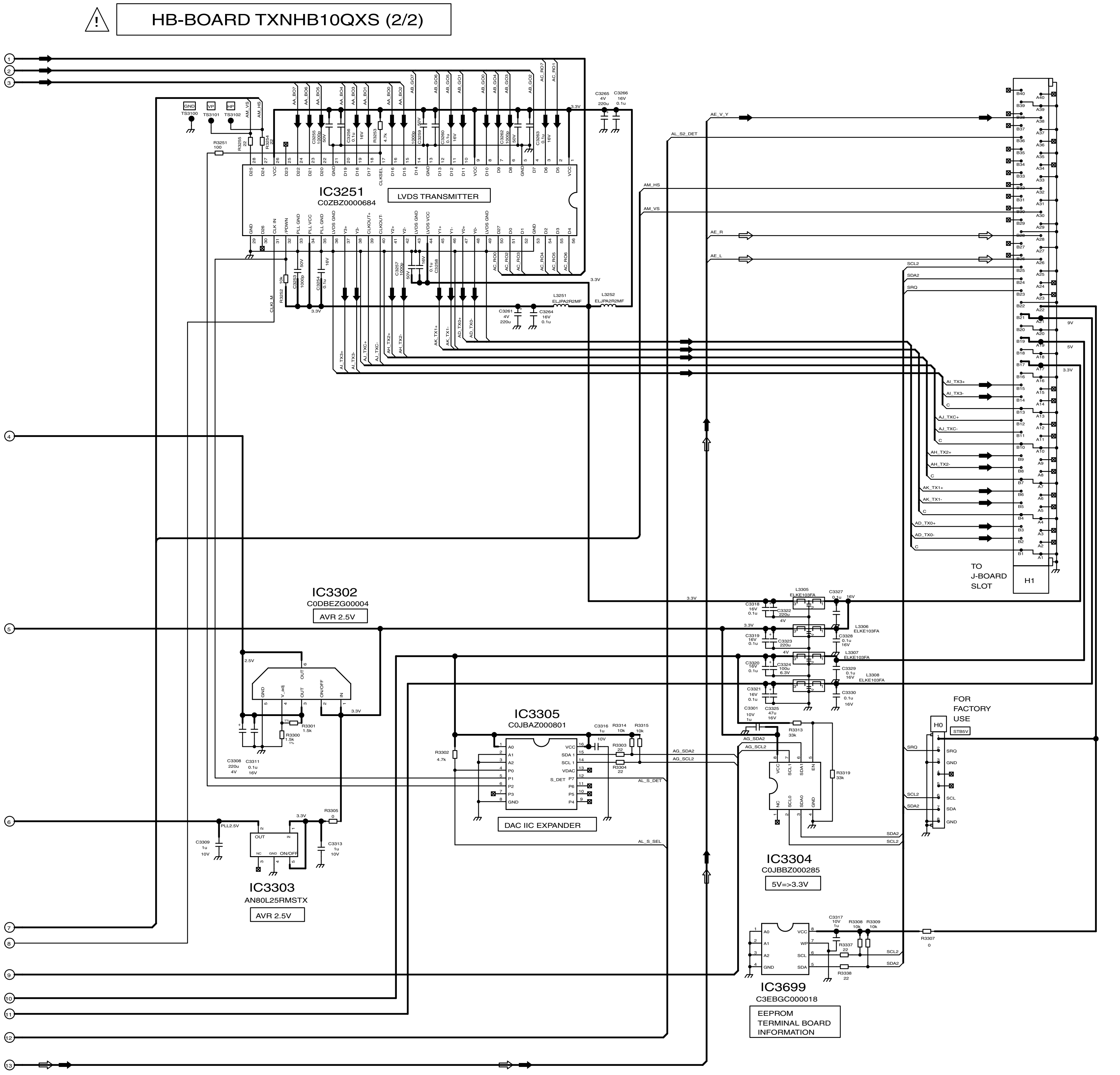

HB BNC COMPOSITE/S VIDEO
JK3001
S-VIDEO IN
C
Y
JK3002
VIDEO IN/OUT
VIDEO IN
VIDEO OUT
1
2
JK3004
AUDIO IN
L IN
R IN
Q3002
AMP
9V
Q3003
AMP
Q3051
L AMP
Q3052
R AMP
IC3003
AMP
IC3003
SWITCH
IC3003
AMP
Q3004
INV.
Q3005
AMP
Q3023
AMP
Q3006
BUFFER
Q3101,3102
BUFFER
L.P.F.
Q3007
BUFFER
Q3104
BUFFER
IC3103
GC2M
C
V/Y
Analog Front-End
AGC
2 × ADC
Adaptive Comb Filter
NTSC
PAL
Color Decoder
NTSC
PAL
SECAM
Saturation
Tint
Mixer
2DScalar
PIP
Panorama
Contast
Brightness
Peaking
Output Formatter
IIC Bus
Clock Gen.
SDA
SCL
Sync + Clock Generation
H Sync
V Sync
LL Clock
X3101
IC3104
RESET
OUT
IC3201
MEMORY
5M FIFO
MEMORY CONTROLLOR
R07
R00
G07
G00
B07
B00
IC3251
LVDS TRANSMITTER
HS
VS
CLK IN
PLL
CLKSEL
/PDWN
TTL PARALLEL TO LVDS
TX0+
TX0-
TX1+
TX1-
TX2+
TX2-
TX3+
TX3-
TXC+
TXC-
H1
TO J-BOARD SLOT
IC3305
DAC ICC EXPANDER
/POWN
CLK SEL
S SEL
S DET
P1
P2
P0
P7
SCL
SDA
IC3304
5V<=>3.3V
IC3105
5V<=>3.3V
IC3699
EEPROM
TERMINAL BOARD INFORMATION
SCL2
SDA2
S2 DET
V/Y
L
R

15.12. HB-Board (1 of 2) Schematic Diagram

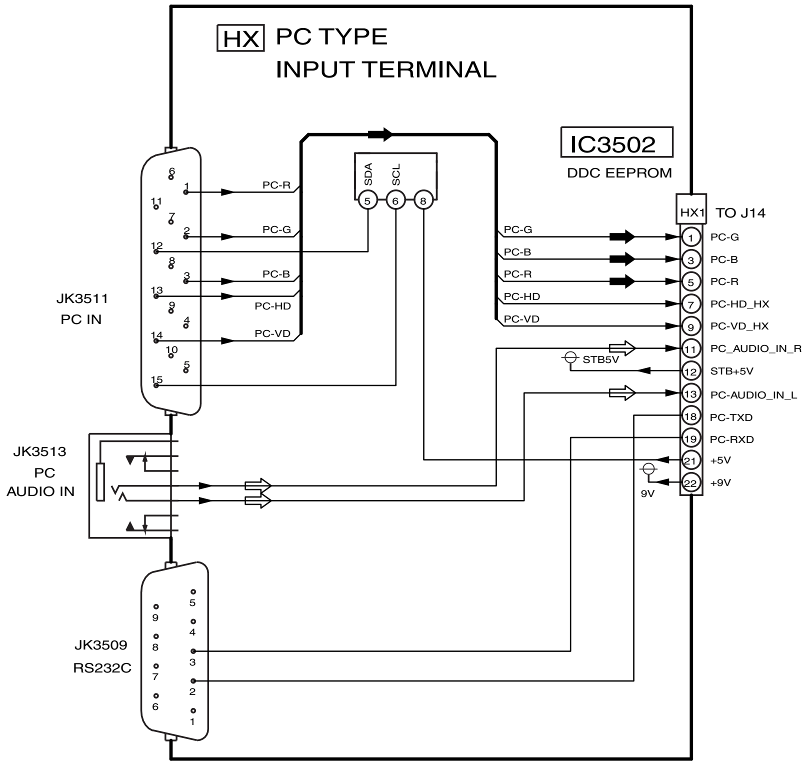

HB-BOARD TXNHB10QXS (1/2)
IC3101
C0DBEZG00004
AVR 2.5V
IC3104
C0EBE0000066
RESET
IC3102
C0DBZLB00001
ERROR DET
IC3003
C0ABGB000001
AMP
IC3002
C0ABGB000001
AMP
IC3001
C0JBAR000111
SWITCH
JK3001
K1CB106B0027
S-VIDEO IN
JK3002
K1QBB2AB0005
VIDEO IN/OUT
JK3004
K2HA204B0097
AUDIO IN
Q3001
Q3002
Q3003
Q3004
Q3005
Q3006
Q3007
Q3023
Q3051
Q3052
Q3101
Q3102
Q3104
IC3103
C1AB00001826
Global_tvsiginal_processing_CoreLSI
GC2M+
ver.2_for_Main_processor
AD Macro
DA Macro
XTAL Macro
For BurstLock PLL Macro
For Mid_CLK PLL Macro
For FBP PLL Macro
IC3201
C3HBKZ000002
MEMORY 5M_FIFO
IC3301
C0CBABB00029
AVR 3.3V
IC3105
C0JBAZ001834
5V=>3.3V
A
B
C
D
E
F
1
2
3
4
5
6
7
8
9
10
11
12
13

TH-37/42PWD8BK/BS/EK/ES/UK
HB-Board (1 of 2) Schematic Diagram

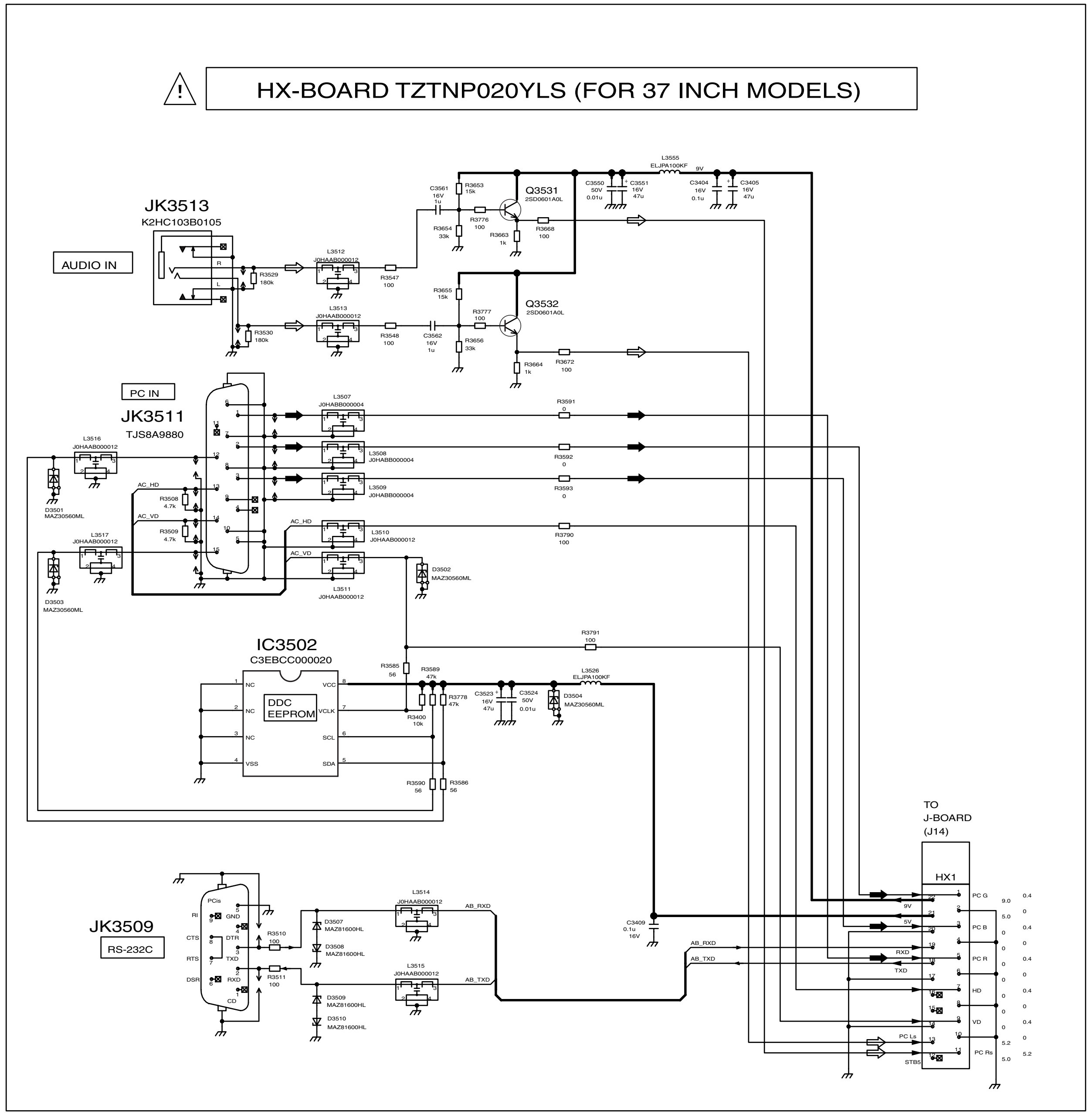
15.13. HB-Board (2 of 2) Schematic Diagram

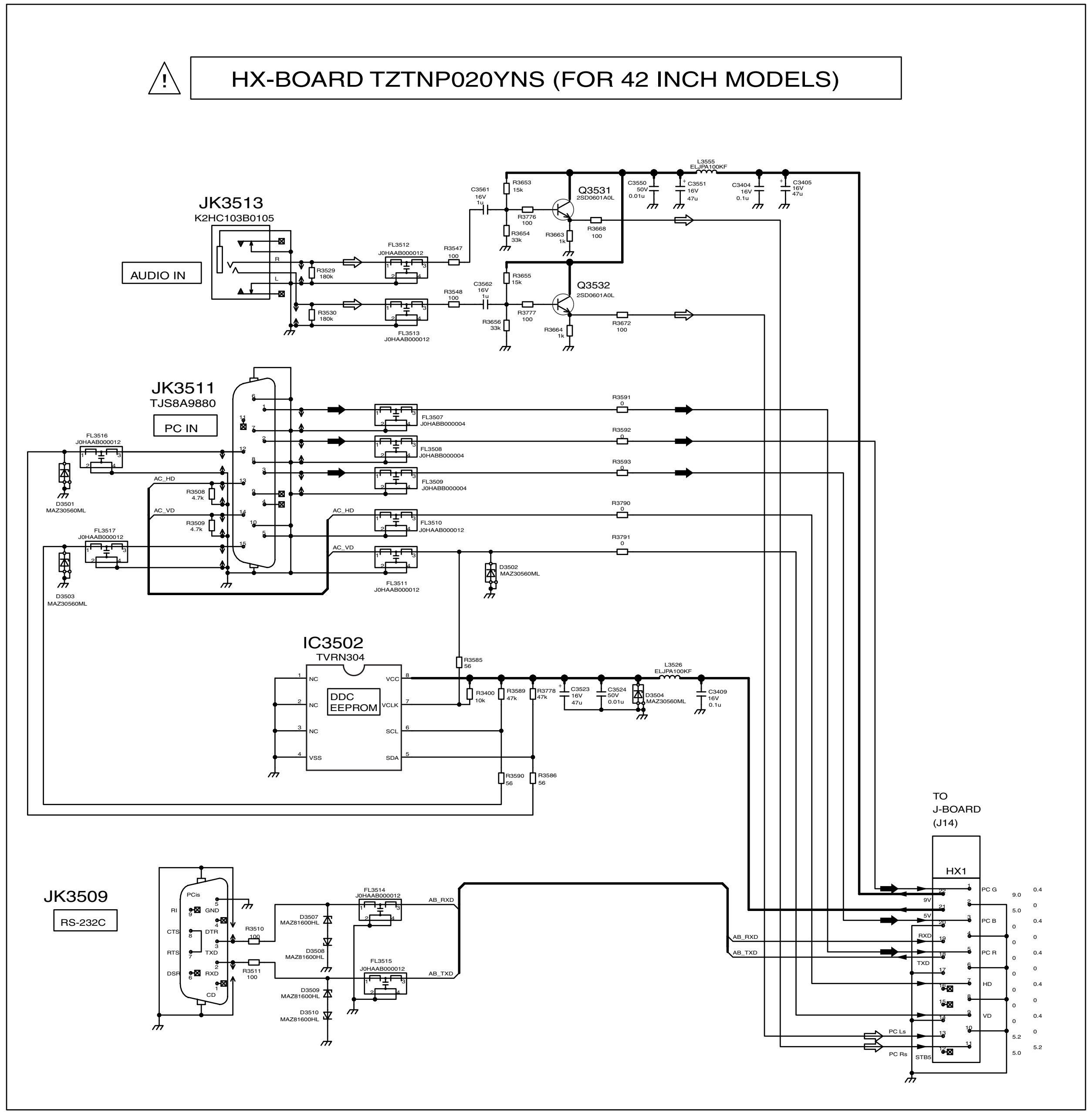

HB-BOARD TXNHB10QXS (2/2)
IC3251
C0ZBZ0000684
LVDS TRANSMITTER
IC3302
C0DBEZG00004
AVR 2.5V
IC3303
AN80L25RMSTX
AVR 2.5V
IC3305
C0JBAZ000801
DAC IIC EXPANDER
IC3304
C0JBBZ000285
5V=>3.3V
IC3699
C3EBGC000018
EEPROM
TERMINAL BOARD
INFORMATION
TO
J-BOARD
SLOT
H1
FOR
FACTORY
USE
H0
TS3100
TS3101
TS3102
AE_V_Y
AL_S2_DET
AM_HS
AM_VS
AE_R
AE_L
SCL2
SDA2
SRQ
AI_TX3+
AI_TX3-
AJ_TXC+
AJ_TXC-
AH_TX2+
AH_TX2-
AK_TX1+
AK_TX1-
AD_TX0+
AD_TX0-
AG_SDA2
AG_SCL2
AL_S_DET
AL_S_SEL
L3251
L3252
L3305
L3306
L3307
L3308
9V
5V
3.3V
2.5V
PLL2.5V
1
2
3
4
5
6
7
8
9
10
11
12
13

15.14. HX-Board Block Diagram

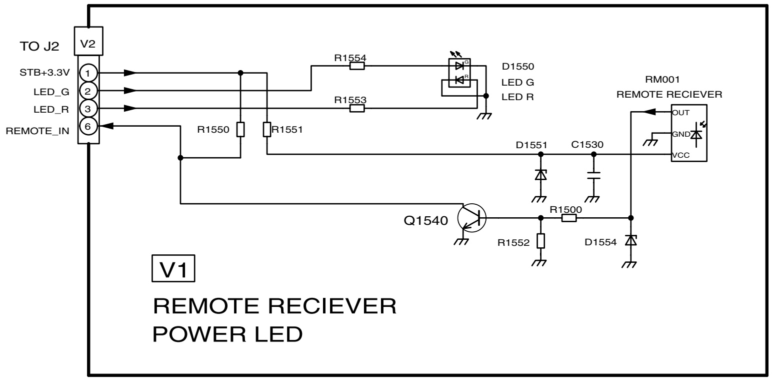

HX
PC TYPE
INPUT TERMINAL
IC3502
DDC EEPROM
SDA
SCL
5
6
8
JK3511
PC IN
6
1
11
7
2
12
8
3
13
9
4
14
10
5
15
PC-R
PC-G
PC-B
PC-HD
PC-VD
HX1
TO J14
PC-G
PC-B
PC-R
PC-HD
PC-VD
1 PC-G
3 PC-B
5 PC-R
7 PC-HD_HX
9 PC-VD_HX
11 PC_AUDIO_IN_R
12 STB+5V
13 PC-AUDIO_IN_L
18 PC-TXD
19 PC-RXD
21 +5V
22 +9V
STB5V
9V
JK3513
PC
AUDIO IN
JK3509
RS232C
9
8
7
6
5
4
3
2
1

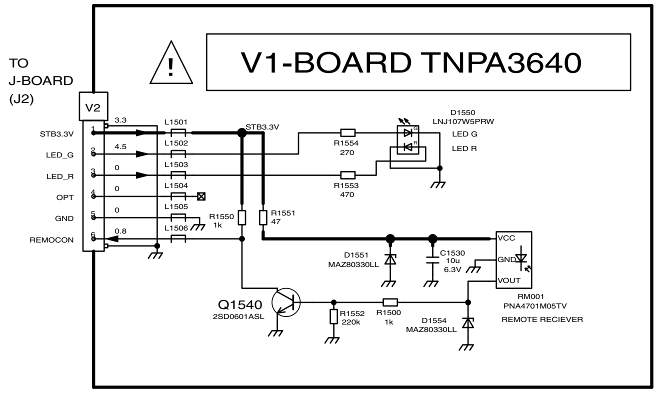
15.15. HX-Board Schematic Diagram

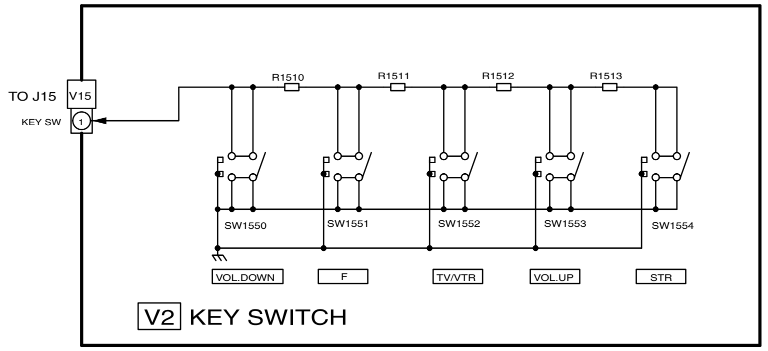

HX-BOARD TZTNP020YLS (FOR 37 INCH MODELS)
JK3513
K2HC103B0105
AUDIO IN
Q3531
2SD0601A0L
Q3532
2SD0601A0L
L3555
ELJPA100KF
9V
PC IN
JK3511
TJS8A9880
IC3502
C3EBCC000020
DDC EEPROM
JK3509
RS-232C
TO J-BOARD (J14)
HX1
PC G
PC B
PC R
HD
VD
PC Ls
PC Rs
9V
5V
RXD
TXD
STBS
AB_RXD
AB_TXD
AC_HD
AC_VD

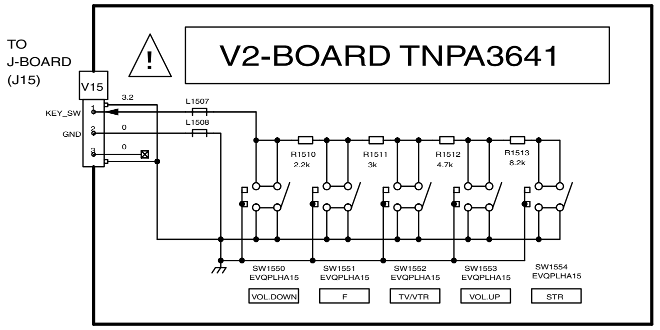

HX-BOARD TZTNP020YNS (FOR 42 INCH MODELS)
JK3513
K2HC103B0105
AUDIO IN
Q3531
2SD0601A0L
Q3532
2SD0601A0L
L3555
ELJPA100KF
JK3511
TJS8A9880
PC IN
IC3502
TVRN304
DDC EEPROM
JK3509
RS-232C
TO J-BOARD (J14)
HX1
PC G
PC B
PC R
HD
VD
PC Ls
PC Rs
9V
5V
RXD
TXD
STBS
AB_RXD
AB_TXD
AC_HD
AC_VD

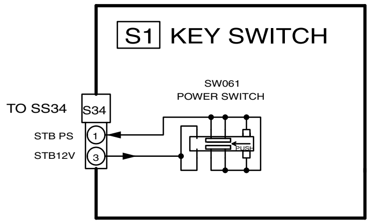
15.16. S1, V1 and V2-Board Block Diagram and Schematic Diagram

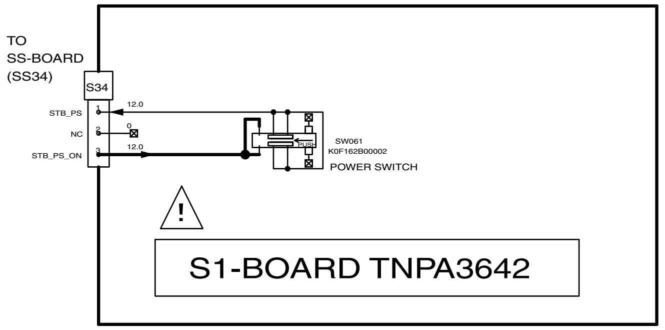

TO J2
V2
STB+3.3V
LED_G
LED_R
REMOTE_IN
1
2
3
6
R1554
R1553
D1550
LED G
LED R
RM001
REMOTE RECIEVER
OUT
GND
VCC
R1550
R1551
D1551
C1530
Q1540
R1500
R1552
D1554
V1
REMOTE RECIEVER
POWER LED


TO
J-BOARD
(J2)
V2
V1-BOARD TNPA3640
STB3.3V
LED_G
LED_R
OPT
GND
REMOCON
3.3
4.5
0
0
0
0.8
L1501
L1502
L1503
L1504
L1505
L1506
STB3.3V
R1554
270
R1553
470
D1550
LNJ107W5PRW
LED G
LED R
R1550
1k
R1551
47
D1551
MAZ80330LL
C1530
10u
6.3V
VCC
GND
VOUT
RM001
PNA4701M05TV
REMOTE RECIEVER
Q1540
2SD0601ASL
R1552
220k
R1500
1k
D1554
MAZ80330LL


TO J15
V15
KEY SW
1
R1510
R1511
R1512
R1513
SW1550
SW1551
SW1552
SW1553
SW1554
VOL.DOWN
F
TV/VTR
VOL.UP
STR
V2
KEY SWITCH


TO
J-BOARD
(J15)
V15
V2-BOARD TNPA3641
KEY_SW
GND
3.2
0
0
L1507
L1508
R1510
2.2k
R1511
3k
R1512
4.7k
R1513
8.2k
SW1550
EVQPLHA15
SW1551
EVQPLHA15
SW1552
EVQPLHA15
SW1553
EVQPLHA15
SW1554
EVQPLHA15
VOL.DOWN
F
TV/VTR
VOL.UP
STR

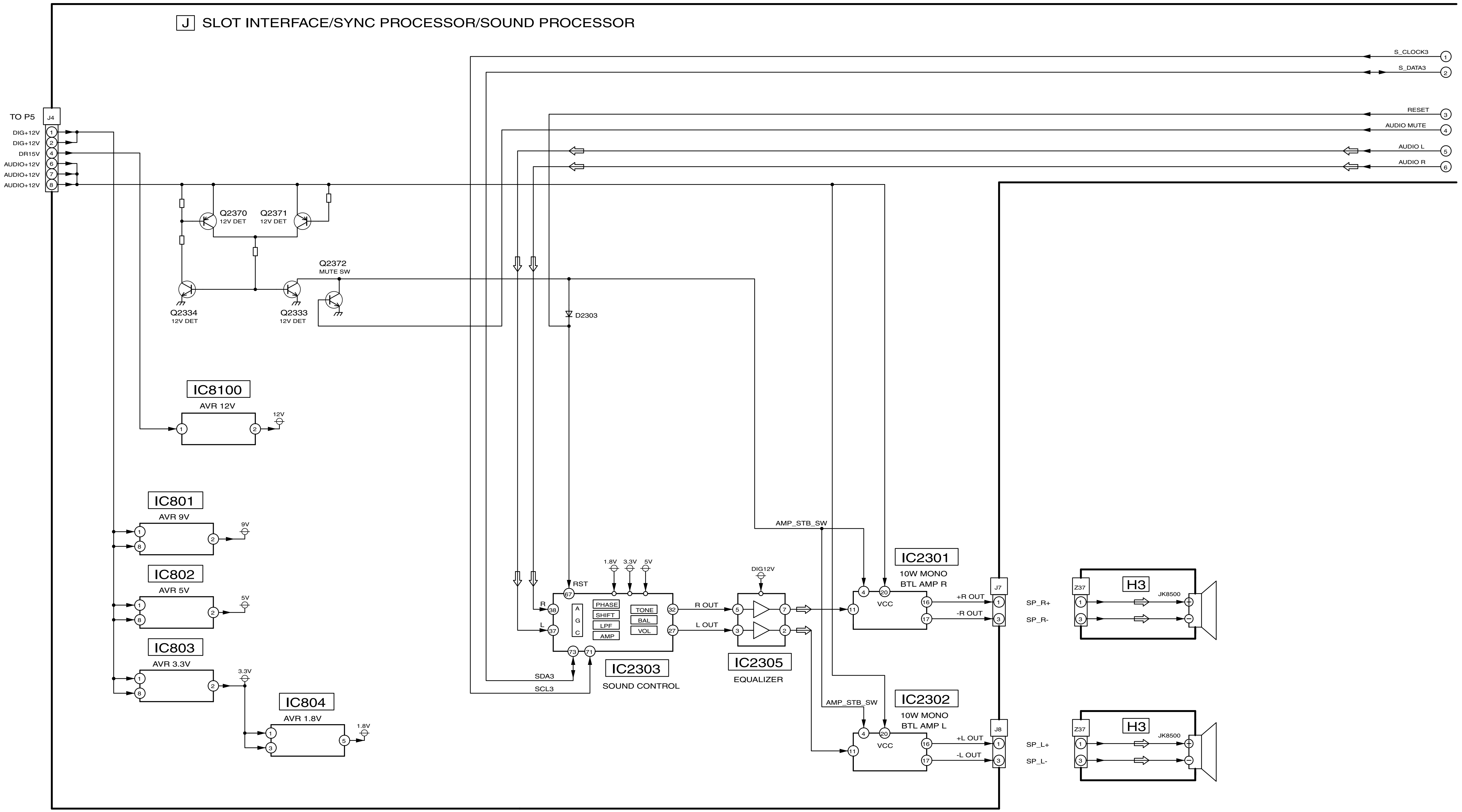

S1
KEY SWITCH
TO SS34
S34
STB PS
STB12V
1
3
SW061
POWER SWITCH


TO
SS-BOARD
(SS34)
S34
STB_PS
NC
STB_PS_ON
12.0
0
12.0
SW061
K0F162B00002
POWER SWITCH
PUSH
S1-BOARD TNPA3642

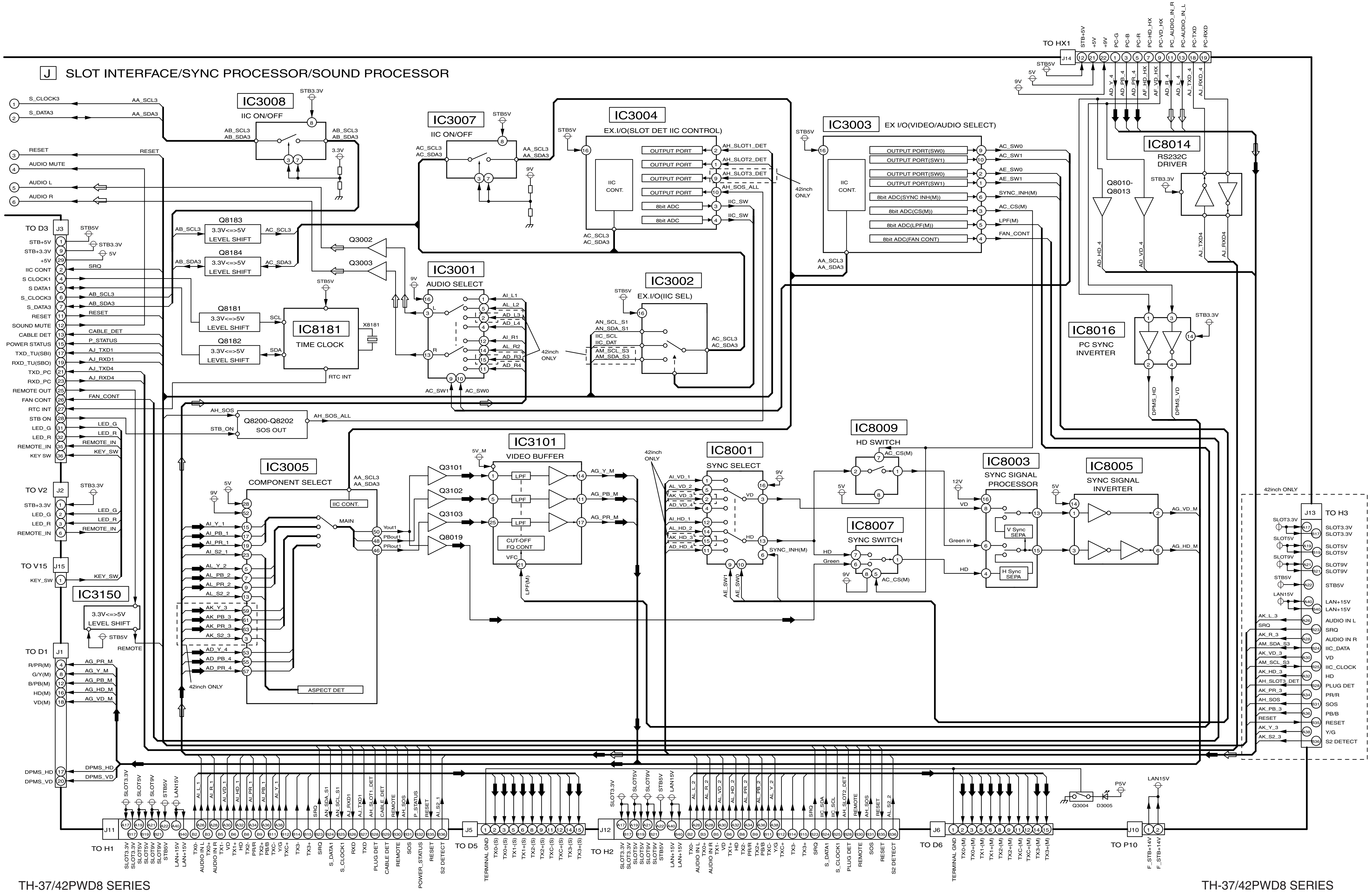
TH-37/42PWD8 SERIES
S1, V1 and V2-Board Block and Schematic Diagram

TH-37/42PWD8 SERIES
S1, V1 and V2-Board Block and Schematic Diagram

15.17. J-Board (1 of 2) and H3-Board Block Diagram


J
SLOT INTERFACE/SYNC PROCESSOR/SOUND PROCESSOR
TO P5
J4
DIG+12V 1
DIG+12V 2
DR15V 4
AUDIO+12V 6
AUDIO+12V 7
AUDIO+12V 8
S_CLOCK3 1
S_DATA3 2
RESET 3
AUDIO MUTE 4
AUDIO L 5
AUDIO R 6
Q2370 12V DET
Q2371 12V DET
Q2372 MUTE SW
Q2334 12V DET
Q2333 12V DET
D2303
IC8100
AVR 12V
12V
IC801
AVR 9V
9V
IC802
AVR 5V
5V
IC803
AVR 3.3V
3.3V
IC804
AVR 1.8V
1.8V
RST
1.8V
3.3V
5V
R
L
AGC
PHASE
SHIFT
LPF
AMP
TONE
BAL
VOL
R OUT
L OUT
SDA3
SCL3
IC2303
SOUND CONTROL
DIG12V
IC2305
EQUALIZER
AMP_STB_SW
IC2301
10W MONO
BTL AMP R
VCC
+R OUT
-R OUT
J7
SP_R+
SP_R-
AMP_STB_SW
IC2302
10W MONO
BTL AMP L
VCC
+L OUT
-L OUT
J8
SP_L+
SP_L-
Z37
H3
JK8500
Z37
H3
JK8500

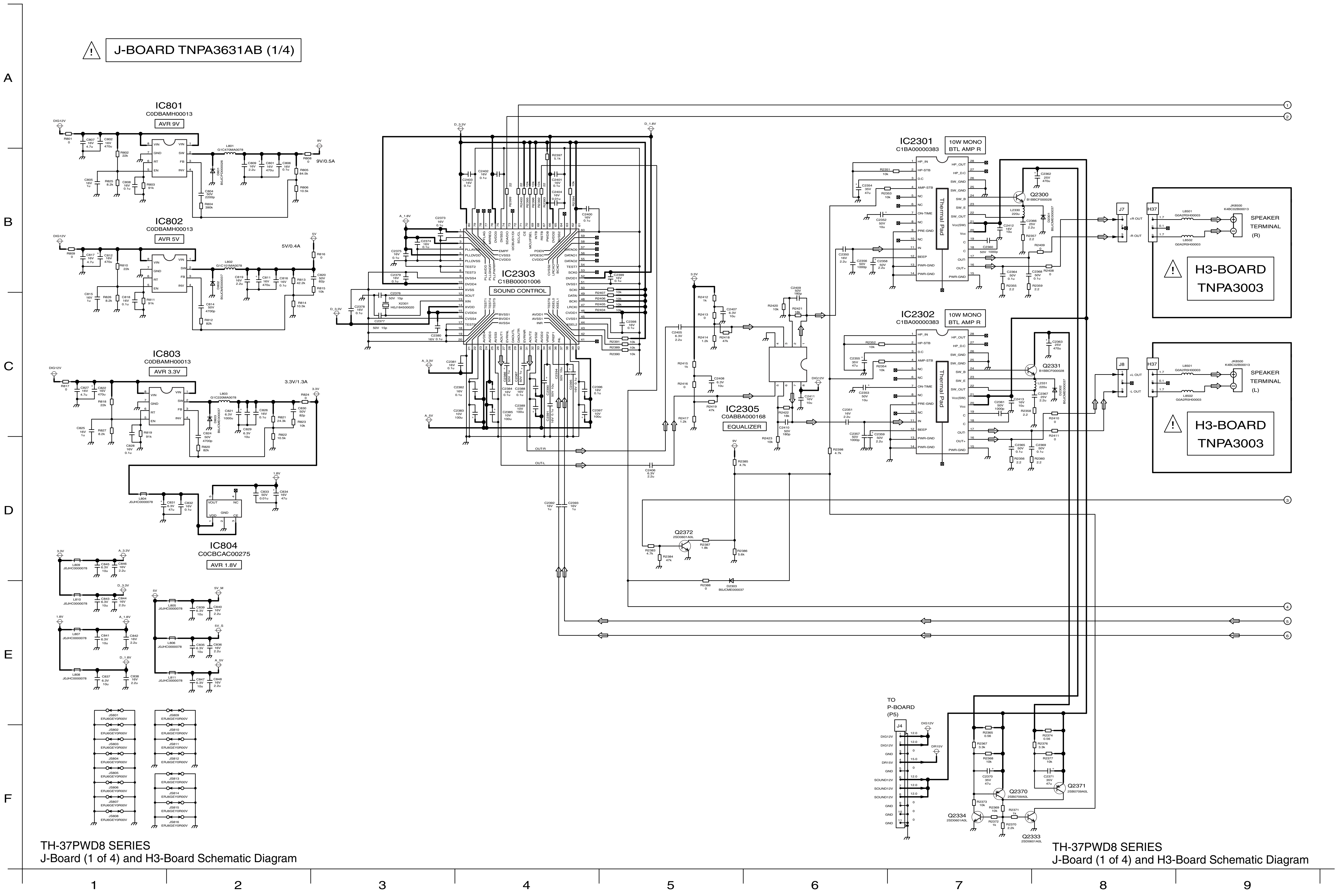
15.18. J-Board (2 of 2) Block Diagram


J SLOT INTERFACE/SYNC PROCESSOR/SOUND PROCESSOR
IC3008
IIC ON/OFF
IC3007
IIC ON/OFF
IC3004
EX.I/O(SLOT DET IIC CONTROL)
IC3003
EX I/O(VIDEO/AUDIO SELECT)
IC8014
RS232C DRIVER
Q8010-Q8013
IC3001
AUDIO SELECT
IC3002
EX.I/O(IIC SEL)
IC8181
TIME CLOCK
X8181
Q8183
Q8184
Q8181
Q8182
3.3V<=>5V LEVEL SHIFT
Q3002
Q3003
IC8016
PC SYNC INVERTER
Q8200-Q8202
SOS OUT
IC3005
COMPONENT SELECT
IC3101
VIDEO BUFFER
Q3101
Q3102
Q3103
Q8019
LPF
CUT-OFF FQ CONT
IC8001
SYNC SELECT
IC8009
HD SWITCH
IC8007
SYNC SWITCH
IC8003
SYNC SIGNAL PROCESSOR
V Sync SEPA
H Sync SEPA
IC8005
SYNC SIGNAL INVERTER
IC3150
3.3V<=>5V LEVEL SHIFT
42inch ONLY
TO HX1
J14
TO D3
J3
TO V2
J2
TO V15
J15
TO D1
J1
TO H3
J13
TO H1
J11
TO D5
J5
TO H2
J12
TO D6
J6
TO P10
J10
Q3004
D3005
OUTPUT PORT
8bit ADC
IIC CONT.
S_CLOCK3
S_DATA3
RESET
AUDIO MUTE
AUDIO L
AUDIO R
STB+5V
STB+3.3V
+5V
IIC CONT
S CLOCK1
S DATA1
SOUND MUTE
CABLE DET
POWER STATUS
TXD_TU(SBI)
RXD_TU(SBO)
TXD_PC
RXD_PC
REMOTE OUT
FAN CONT
RTC INT
STB ON
LED_G
LED_R
REMOTE_IN
KEY SW
R/PR(M)
G/Y(M)
B/PB(M)
HD(M)
VD(M)
DPMS_HD
DPMS_VD
SLOT3.3V
SLOT5V
SLOT9V
STB5V
LAN+15V
AUDIO IN L
SRQ
AUDIO IN R
IIC_DATA
VD
IIC_CLOCK
HD
PLUG DET
PR/R
SOS
PB/B
RESET
Y/G
S2 DETECT
TERMINAL GND
F_STB+14V

TH-37/42PWD8 SERIES
J-Board (2 of 2) Block Diagram

TH-37/42PWD8 SERIES
J-Board (2 of 2) Block Diagram

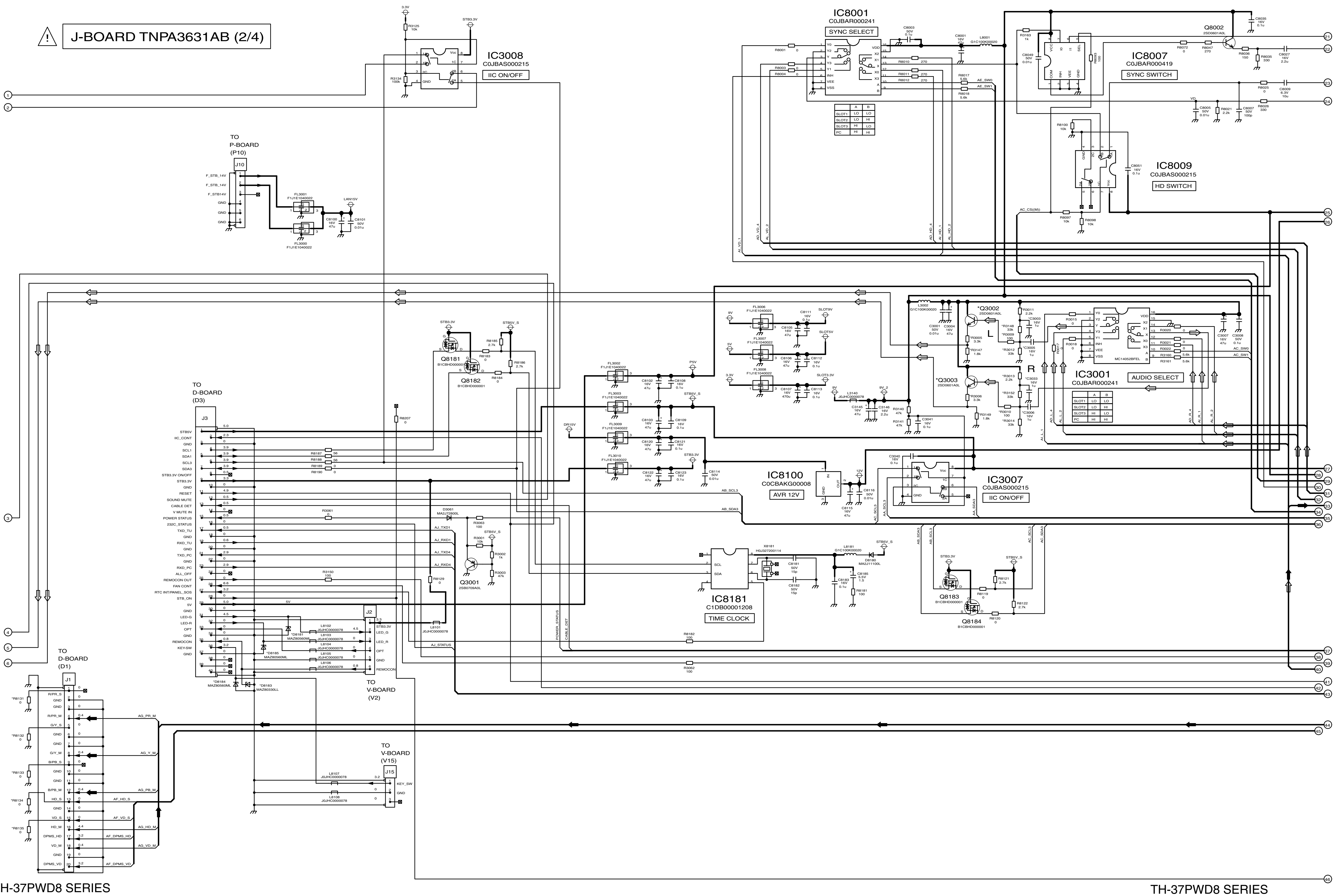
15.19. J-Board (1 of 4) Schematic Diagram (37 inch)


A
B
C
D
E
F
1
2
3
4
5
6
7
8
9
J-BOARD TNPA3631AB (1/4)
IC801
C0DBAMH00013
AVR 9V
9V/0.5A
IC802
C0DBAMH00013
AVR 5V
5V/0.4A
IC803
C0DBAMH00013
AVR 3.3V
3.3V/1.3A
IC804
C0CBCAC00275
AVR 1.8V
IC2303
C1BB00001006
SOUND CONTROL
IC2301
C1BA00000383
10W MONO
BTL AMP R
IC2302
C1BA00000383
10W MONO
BTL AMP R
IC2305
C0ABBA000168
EQUALIZER
Thermal Pad
Q2300
Q2331
Q2372
2SD0601A0L
Q2370
2SB0709A0L
Q2371
2SB0709A0L
Q2334
2SD0601A0L
Q2333
2SD0601A0L
J7
J8
H37
SPEAKER
TERMINAL
(R)
SPEAKER
TERMINAL
(L)
H3-BOARD
TNPA3003
H3-BOARD
TNPA3003
TO
P-BOARD
(P5)
J4
DIG12V
DR15V
SOUND12V
GND
D_3.3V
D_1.8V
A_1.8V
A_3.3V
A_5V
OUT-R
OUT-L
+R OUT
-R OUT
+L OUT
-L OUT

TH-37PWD8 SERIES
J-Board (1 of 4) and H3-Board Schematic Diagram

TH-37PWD8 SERIES
J-Board (1 of 4) and H3-Board Schematic Diagram

15.20. J-Board (2 of 4) Schematic Diagram (37 inch)

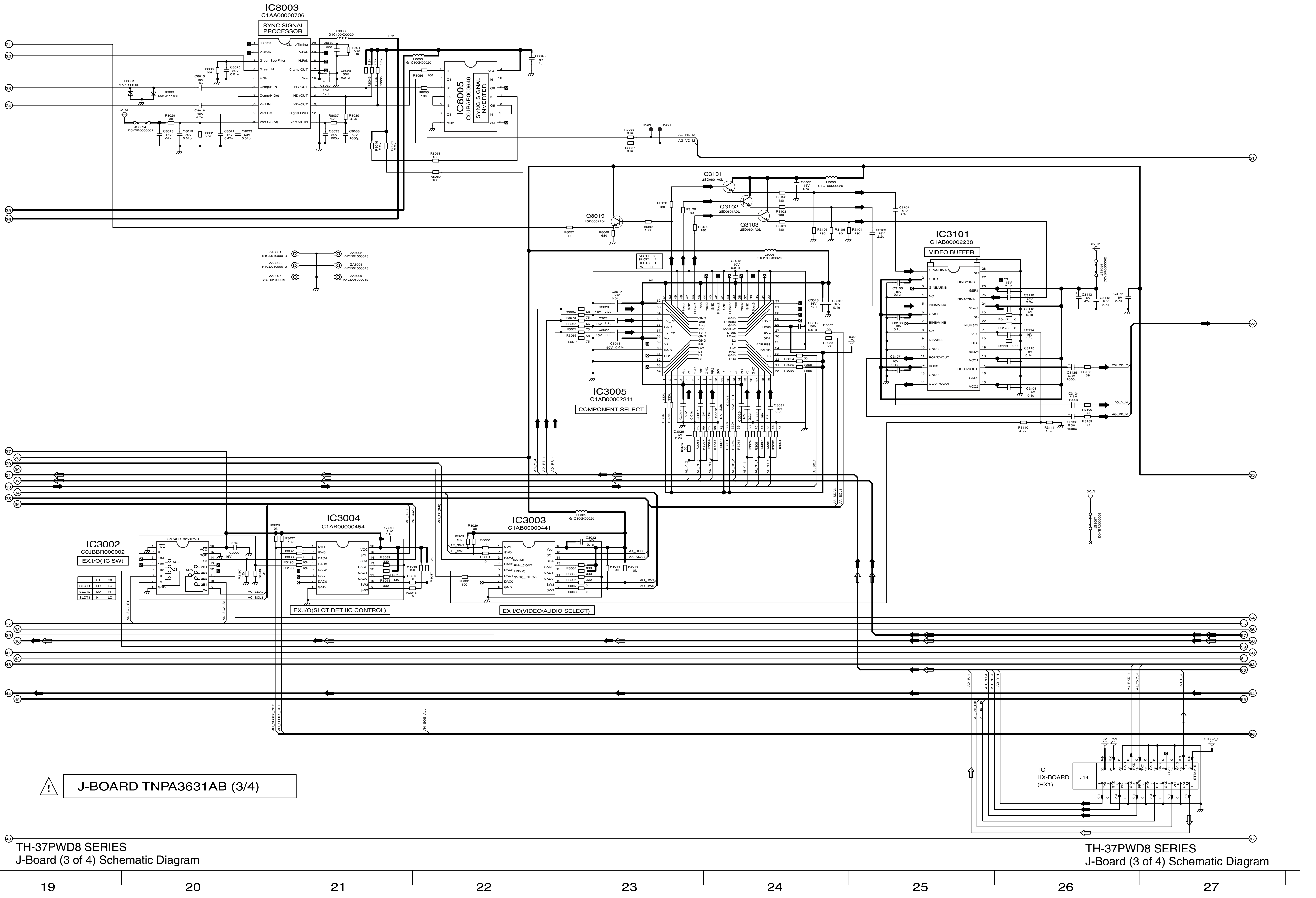

J-BOARD TNPA3631AB (2/4)
IC3008
C0JBAS000215
IIC ON/OFF
IC8001
C0JBAR000241
SYNC SELECT
IC8007
C0JBAR000419
SYNC SWITCH
Q8002
2SD0601A0L
IC8009
C0JBAS000215
HD SWITCH
TO P-BOARD (P10)
J10
F_STB_14V
F_STB_14V
F_STB14V
GND
GND
GND
FL3001
FL3000
LAN15V
TO D-BOARD (D3)
J3
STB5V
IIC_CONT
GND
SCL1
SDA1
SCL3
SDA3
STB3.3V ON/OFF
STB3.3V
GND
RESET
SOUND MUTE
CABLE DET
V MUTE IN
POWER STATUS
232C_STATUS
TXD_TU
GND
RXD_TU
GND
TXD_PC
GND
RXD_PC
ALL_OFF
REMOCON OUT
FAN CONT
RTC INT/PANEL_SOS
STB_ON
5V
GND
LED-G
LED-R
OPT
GND
REMOCON
KEY-SW
GND
Q8181
Q8182
B1CBHD000001
Q3001
2SB0709A0L
TO V-BOARD (V2)
J2
STB3.3V
LED_G
LED_R
OPT
GND
REMOCON
TO V-BOARD (V15)
J15
KEY_SW
GND
TO D-BOARD (D1)
J1
R/PR_S
GND
GND
R/PR_M
G/Y_S
GND
GND
G/Y_M
B/PB_S
GND
GND
B/PB_M
HD_S
GND
VD_S
HD_M
DPMS_HD
VD_M
GND
DPMS_VD
AG_PR_M
AG_Y_M
AG_PB_M
AF_HD_S
AF_VD_S
AG_HD_M
AF_DPMS_HD
AG_VD_M
AF_DPMS_VD
*Q3002
2SD0601A0L
*Q3003
2SD0601A0L
L
R
IC3001
C0JBAR000241
AUDIO SELECT
MC14052BFEL
SLOT1
SLOT2
SLOT3
PC
IC8100
C0CBAKG00008
AVR 12V
IC3007
C0JBAS000215
IIC ON/OFF
IC8181
C1DB00001208
TIME CLOCK
Q8183
Q8184
B1CBHD000001
POWER_STATUS
CABLE_DET
1
2
3
4
5
6
21
22
23
24
25
26
27
28
29
30
31
32
33
34
35
36
37
38
39
40
41
42
43
44
45
46

TH-37PWD8 SERIES
J-Board (2 of 4) Schematic Diagram

TH-37PWD8 SERIES
J-Board (2 of 4) Schematic Diagram

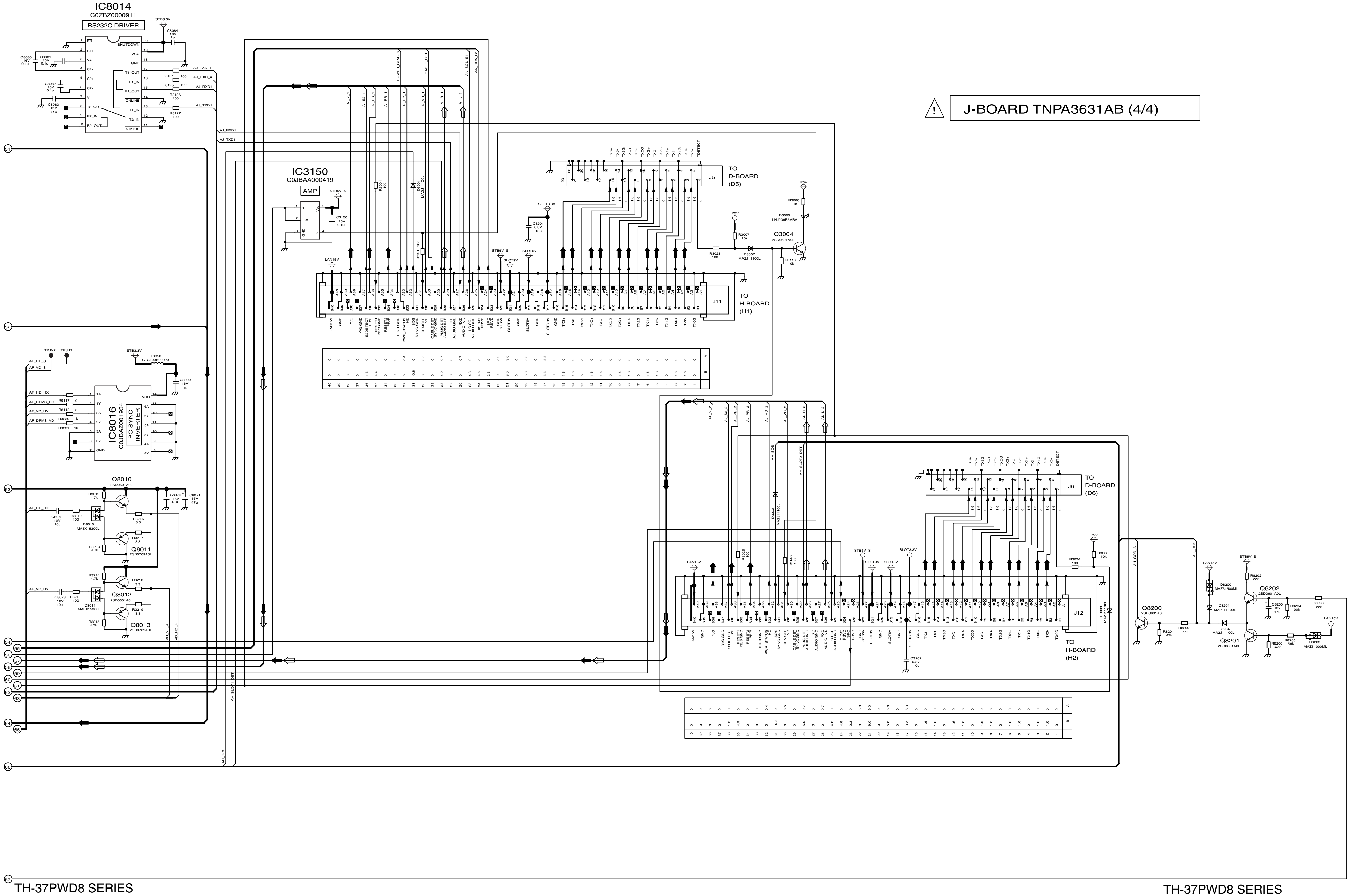
10 11 12 13 14 15 16 17 18

15.21. J-Board (3 of 4) Schematic Diagram (37 inch)


IC8003
C1AA00000706
SYNC SIGNAL PROCESSOR
IC8005
C0JBAB000646
SYNC SIGNAL INVERTER
Q3101
2SD0601A0L
Q3102
2SD0601A0L
Q3103
2SD0601A0L
Q8019
2SD0601A0L
IC3101
C1AB00002238
VIDEO BUFFER
IC3005
C1AB00002311
COMPONENT SELECT
IC3004
C1AB00000454
EX.I/O(SLOT DET IIC CONTROL)
IC3003
C1AB00000441
EX I/O(VIDEO/AUDIO SELECT)
IC3002
C0JBBR000002
EX.I/O(IIC SW)
SN74CBT3253PWR
AG_HD_M
AG_VD_M
AG_PR_M
AG_Y_M
AG_PB_M
TO
HX-BOARD
(HX1)
J14
J-BOARD TNPA3631AB (3/4)
19
20
21
22
23
24
25
26
27

TH-37PWD8 SERIES
J-Board (3 of 4) Schematic Diagram

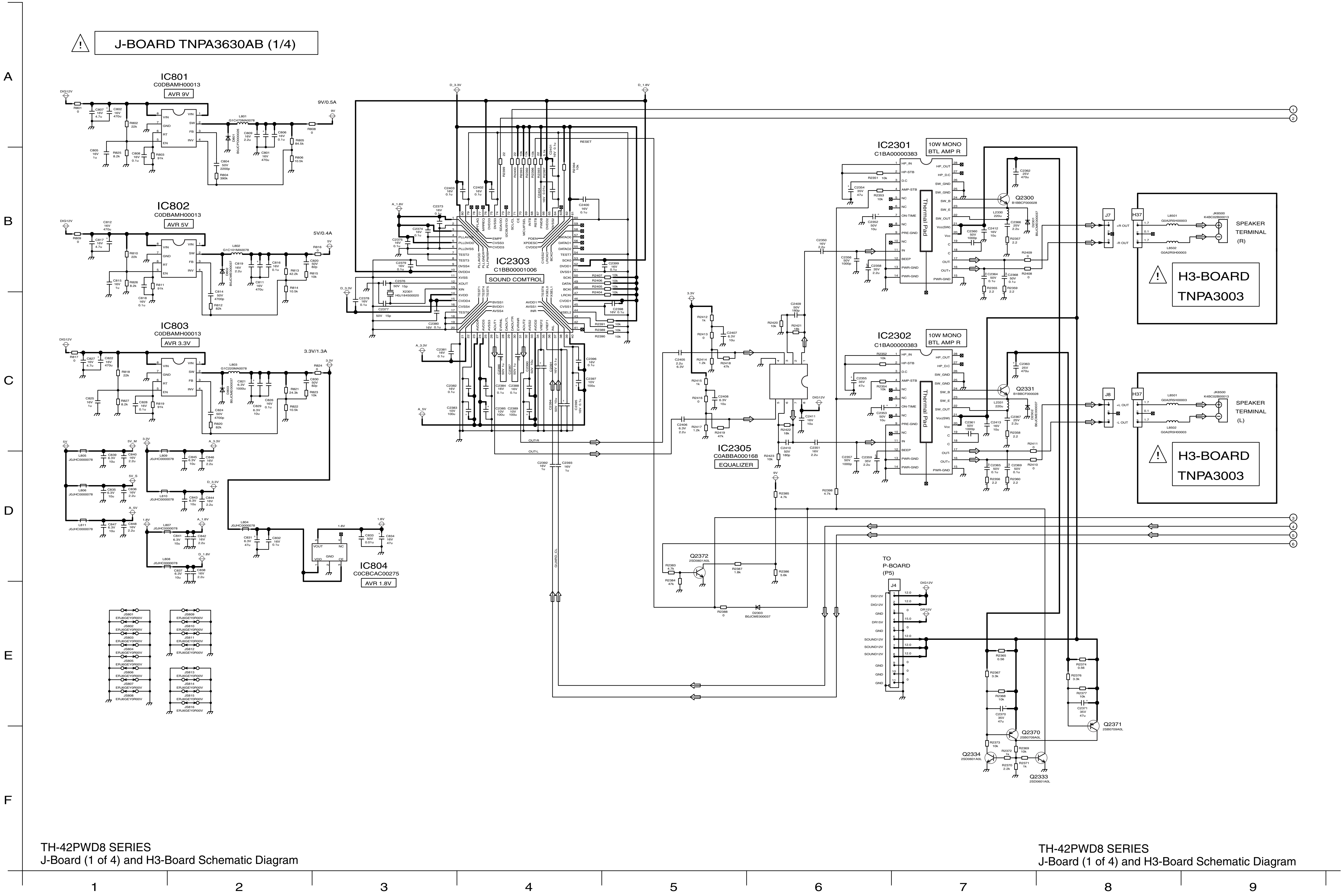
15.22. J-Board (4 of 4) Schematic Diagram (37 inch)


IC8014
C0ZBZ0000911
RS232C DRIVER
STB3.3V
IC3150
C0JBAA000419
AMP
STB5V_S
J-BOARD TNPA3631AB (4/4)
TO
D-BOARD
(D5)
J5
J11
TO
H-BOARD
(H1)
Q3004
2SD0601A0L
LAN15V
SLOT3.3V
SLOT9V
SLOT5V
P5V
IC8016
C0JBAZ001934
PC SYNC
INVERTER
L3050
G1C100K00020
Q8010
2SD0601A0L
Q8011
2SB0709A0L
Q8012
2SD0601A0L
Q8013
2SB0709A0L
AF_HD_S
AF_VD_S
AF_HD_HX
AF_DPMS_HD
AF_VD_HX
AF_DPMS_VD
TPJV2
TPJH2
J6
TO
D-BOARD
(D6)
J12
TO
H-BOARD
(H2)
Q8200
2SD0601A0L
Q8201
2SD0601A0L
Q8202
2SD0601A0L
S1
S2
S3
S4
S5
S6
S7
S8
S9
S10
S11
S12
S13
S14
S15
S16
S17
28
29
30
31
32
33
34
35
36

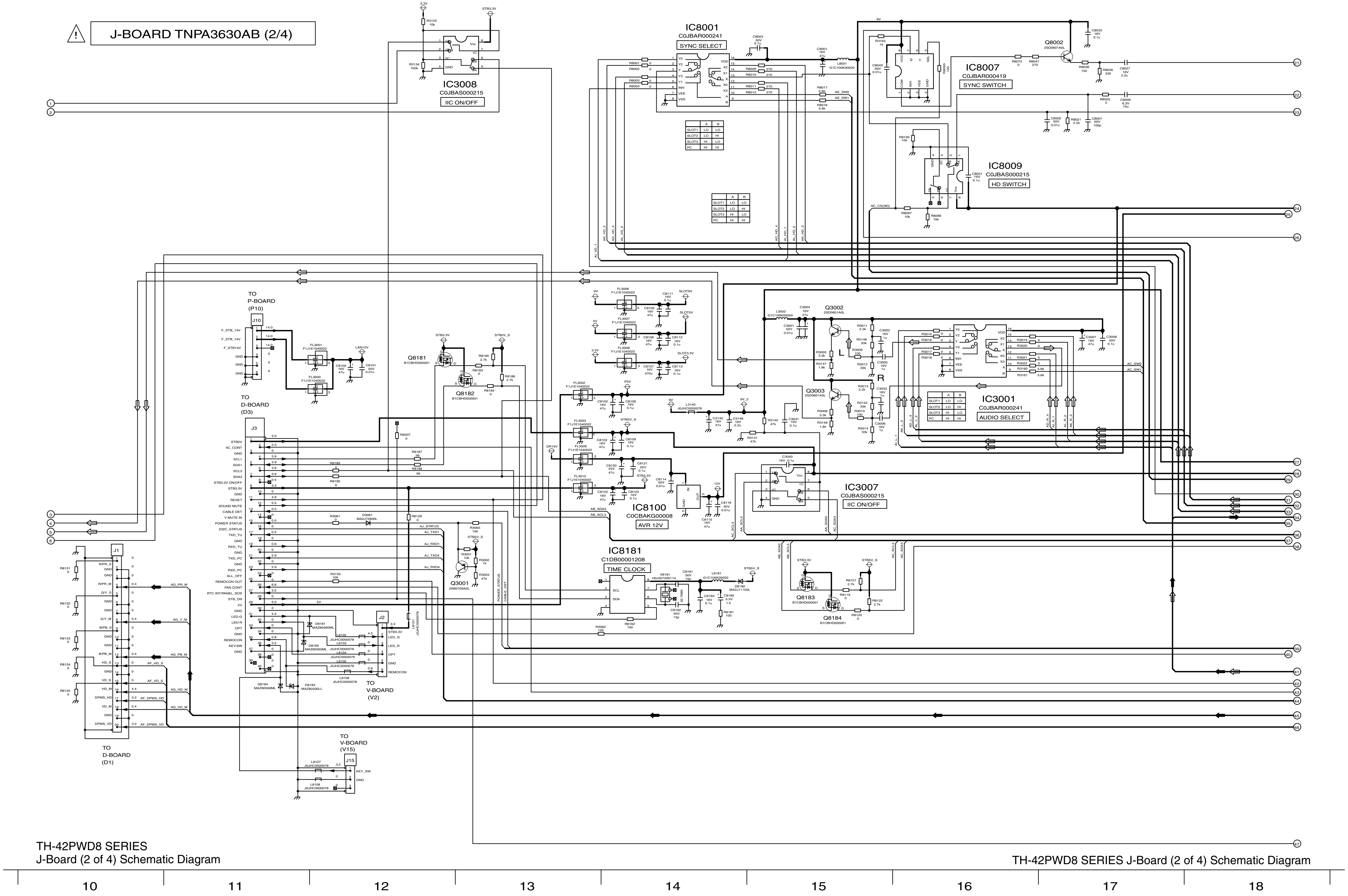
TH-37PWD8 SERIES
J-Board (4 of 4) Schematic Diagram

TH-37PWD8 SERIES
J-Board (4 of 4) Schematic Diagram

15.23. J-Board (1 of 4) Schematic Diagram (42 inch)


J-BOARD TNPA3630AB (1/4)
A
B
C
D
E
F
1
2
3
4
5
6
7
8
9
IC801
C0DBAMH00013
AVR 9V
9V/0.5A
IC802
C0DBAMH00013
AVR 5V
5V/0.4A
IC803
C0DBAMH00013
AVR 3.3V
3.3V/1.3A
IC804
C0CBCAC00275
AVR 1.8V
IC2303
C1BB00001006
SOUND COMTROL
RESET
OUT-R
OUT-L
IC2305
C0ABBA000168
EQUALIZER
IC2301
C1BA00000383
10W MONO
BTL AMP R
IC2302
C1BA00000383
10W MONO
BTL AMP R
Thermal Pad
Q2300
Q2331
Q2370
Q2371
Q2372
Q2333
Q2334
J7
J8
H37
SPEAKER
TERMINAL
(R)
SPEAKER
TERMINAL
(L)
H3-BOARD
TNPA3003
H3-BOARD
TNPA3003
TO
P-BOARD
(P5)
J4
DIG12V
GND
DR15V
SOUND12V
D_3.3V
D_1.8V
A_3.3V
A_5V
5V_M
5V_S
GUARD_CL

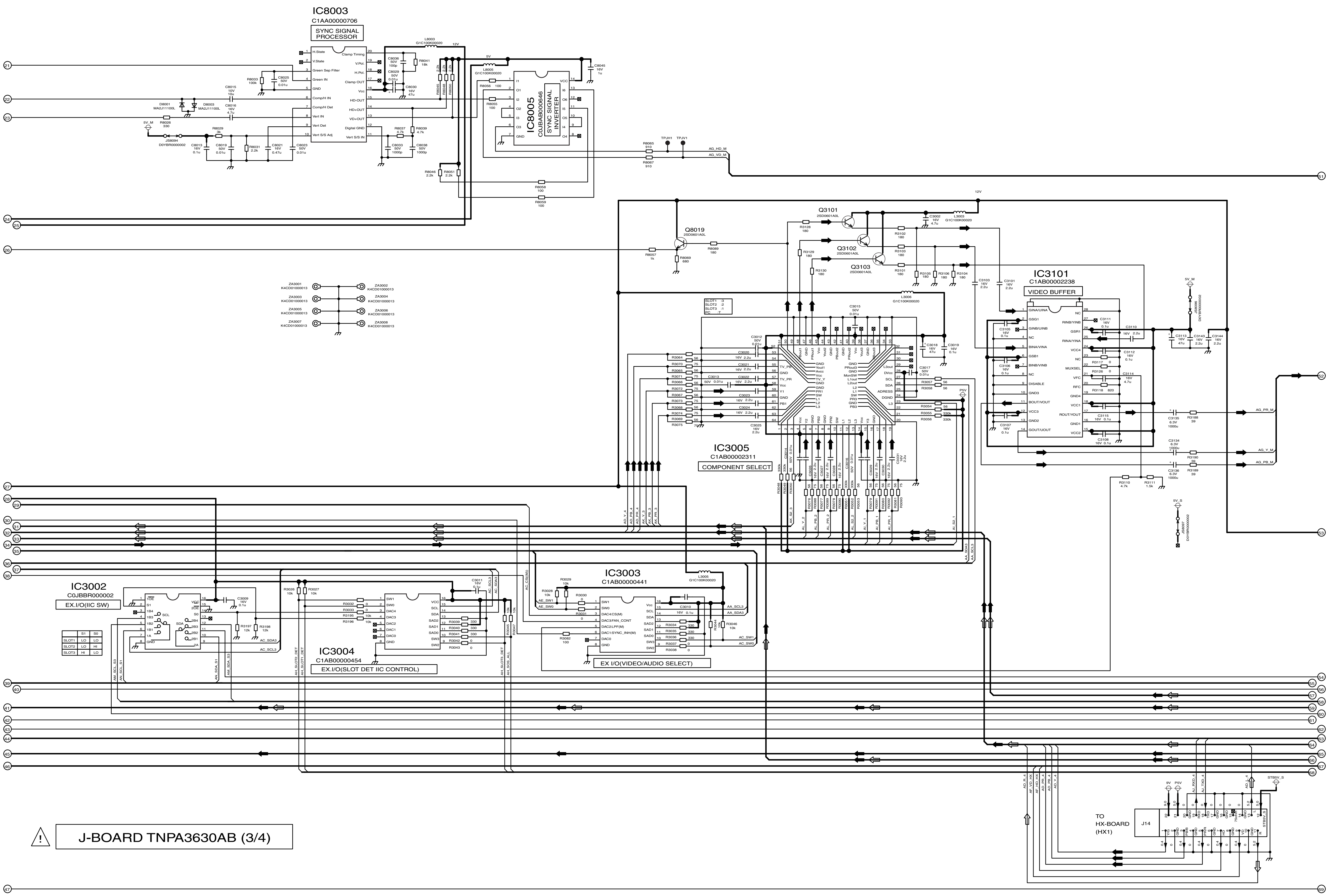
15.24. J-Board (2 of 4) Schematic Diagram (42 inch)


J-BOARD TNPA3630AB (2/4)
IC3008
C0JBAS000215
IIC ON/OFF
IC8001
C0JBAR000241
SYNC SELECT
IC8007
C0JBAR000419
SYNC SWITCH
Q8002
2SD0601A0L
IC8009
C0JBAS000215
HD SWITCH
TO
P-BOARD
(P10)
J10
Q8181
B1CBHD000001
Q8182
B1CBHD000001
TO
D-BOARD
(D3)
J3
Q3002
2SD0601A0L
Q3003
2SD0601A0L
L
R
IC3001
C0JBAR000241
AUDIO SELECT
IC3007
C0JBAS000215
IIC ON/OFF
IC8100
C0CBAKG00008
AVR 12V
IC8181
C1DB00001208
TIME CLOCK
Q3001
2SB0709A0L
Q8183
B1CBHD000001
Q8184
B1CBHD000001
J1
TO
D-BOARD
(D1)
J2
TO
V-BOARD
(V2)
J15
TO
V-BOARD
(V15)
10
11
12
13
14
15
16
17
18

TH-42PWD8 SERIES
J-Board (2 of 4) Schematic Diagram

TH-42PWD8 SERIES J-Board (2 of 4) Schematic Diagram

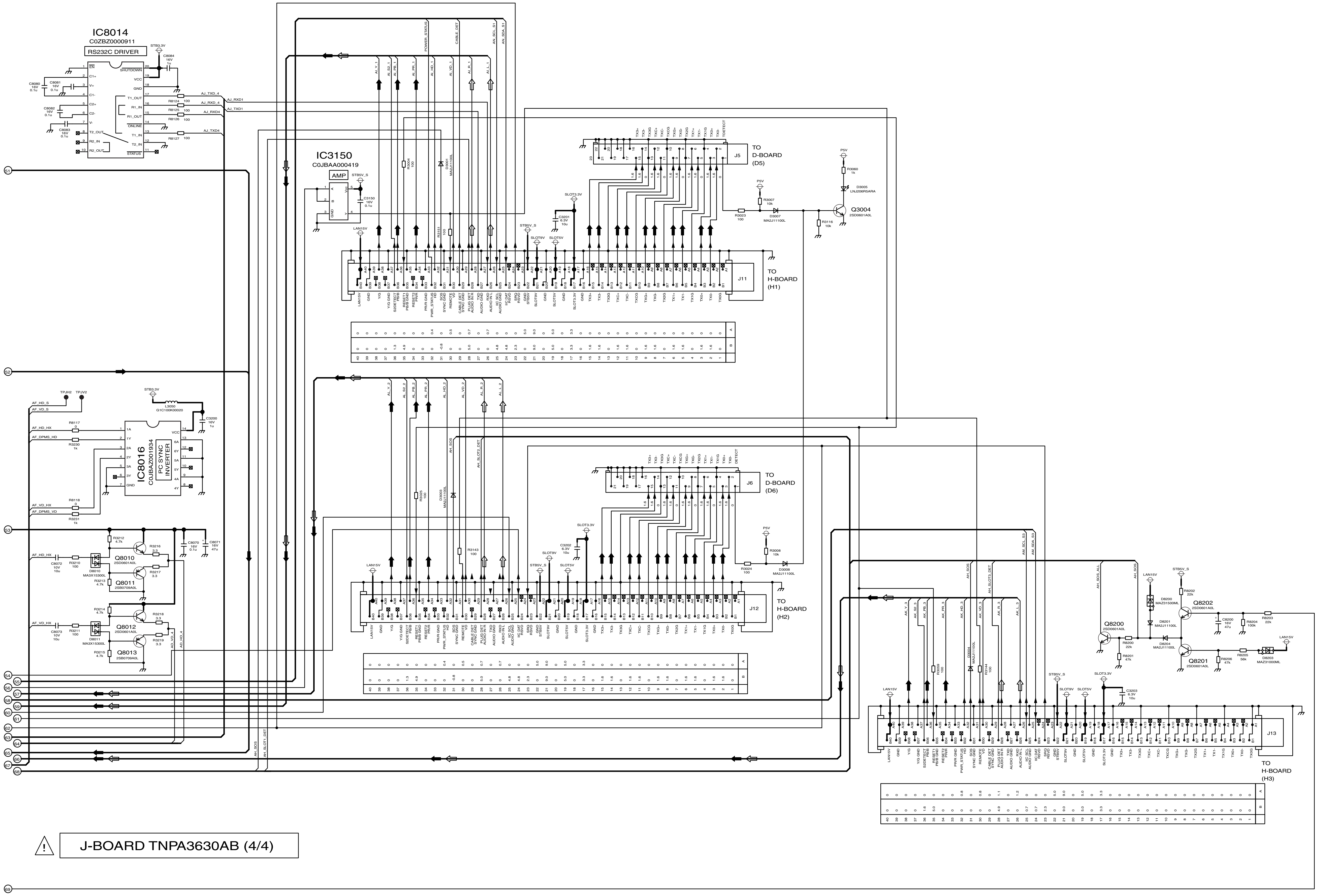
15.25. J-Board (3 of 4) Schematic Diagram (42 inch)


IC8003
C1AA00000706
SYNC SIGNAL PROCESSOR
IC8005
C0JBAB000646
SYNC SIGNAL INVERTER
L8003
L8005
12V
5V
TPJH1
TPJV1
AG_HD_M
AG_VD_M
Q3101
2SD0601A0L
Q8019
2SD0601A0L
Q3102
2SD0601A0L
Q3103
2SD0601A0L
L3003
L3006
IC3101
C1AB00002238
VIDEO BUFFER
ZA3001
ZA3002
ZA3003
ZA3004
ZA3005
ZA3006
ZA3007
ZA3008
K4CD01000013
SLOT1 3
SLOT2 2
SLOT3 1
IC3005
C1AB00002311
COMPONENT SELECT
AG_PR_M
AG_Y_M
AG_PB_M
5V_M
5V_S
IC3002
C0JBBR000002
EX.I/O(IIC SW)
S1 S0
SLOT1 LO LO
SLOT2 LO HI
SLOT3 HI LO
IC3004
C1AB00000454
EX.I/O(SLOT DET IIC CONTROL)
IC3003
C1AB00000441
EX I/O(VIDEO/AUDIO SELECT)
L3005
AA_SCL3
AA_SDA3
AC_SW1
AC_SW0
AC_SDA3
AC_SCL3
TO
HX-BOARD
(HX1)
J14
STB5V_S
J-BOARD TNPA3630AB (3/4)
19
20
21
22
23
24
25
26
27

TH-42PWD8 SERIES J-Board (3 of 4) Schematic Diagram

TH-42PWD8 SERIES J-Board (3 of 4) Schematic Diagram

15.26. J-Board (4 of 4) Schematic Diagram (42 inch)

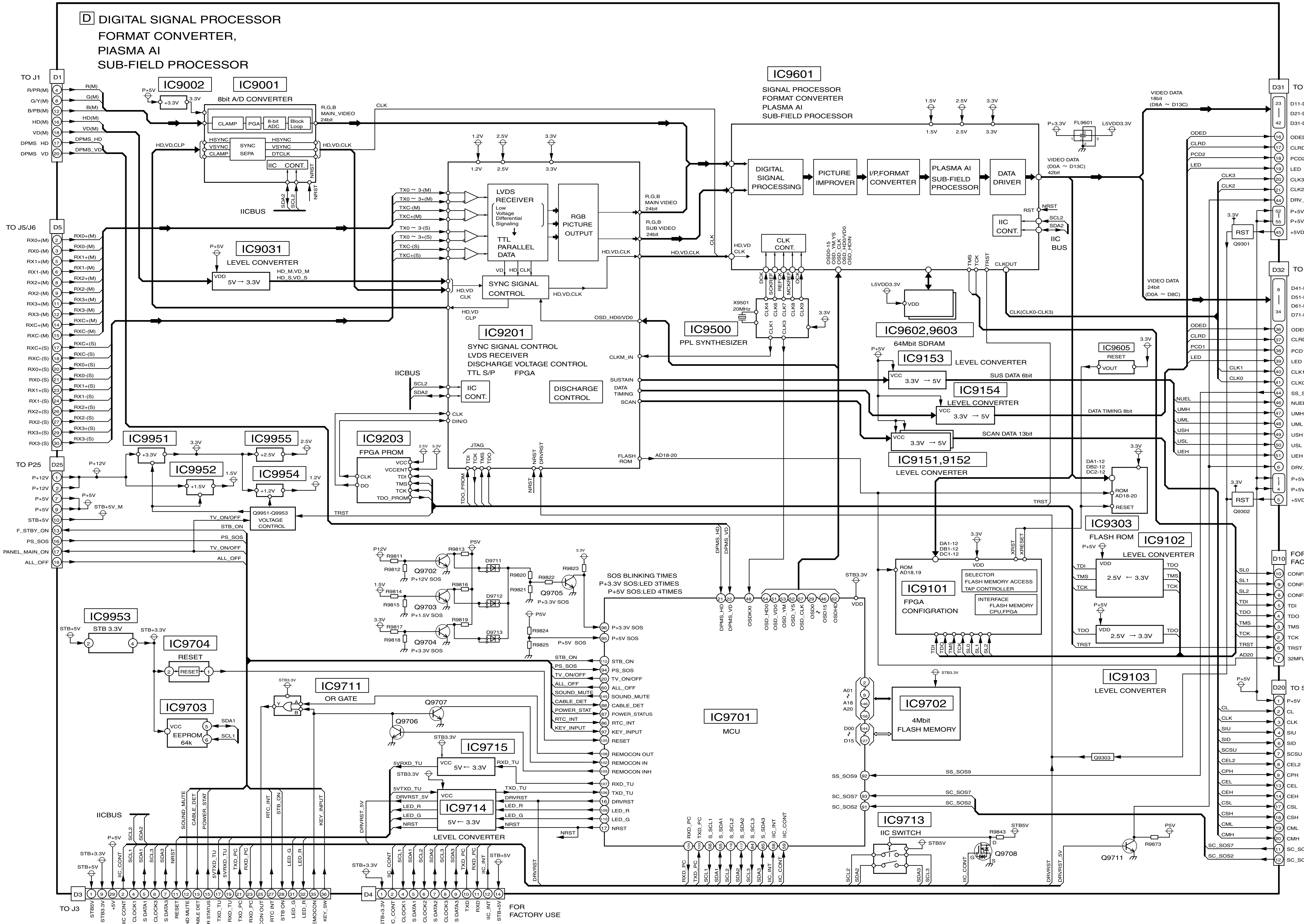

IC8014
C0ZBZ0000911
RS232C DRIVER
IC3150
C0JBAA000419
AMP
IC8016
C0JBAZ001934
PC SYNC INVERTER
Q8010
2SD0601A0L
Q8011
2SB0709A0L
Q8012
2SD0601A0L
Q8013
2SB0709A0L
Q3004
2SD0601A0L
Q8200
2SD0601A0L
Q8201
2SD0601A0L
Q8202
2SD0601A0L
J5
TO D-BOARD (D5)
J11
TO H-BOARD (H1)
J6
TO D-BOARD (D6)
J12
TO H-BOARD (H2)
J13
TO H-BOARD (H3)
STB3.3V
STB5V_S
LAN15V
SLOT3.3V
SLOT5V
SLOT9V
P5V
J-BOARD TNPA3630AB (4/4)

TH-42PWD8 SERIES J-Board (4 of 4) Schematic Diagram

TH-42PWD8 SERIES J-Board (4 of 4) Schematic Diagram

28 29 30 31 32 33 34 35 36

15.27. D-Board Block Diagram

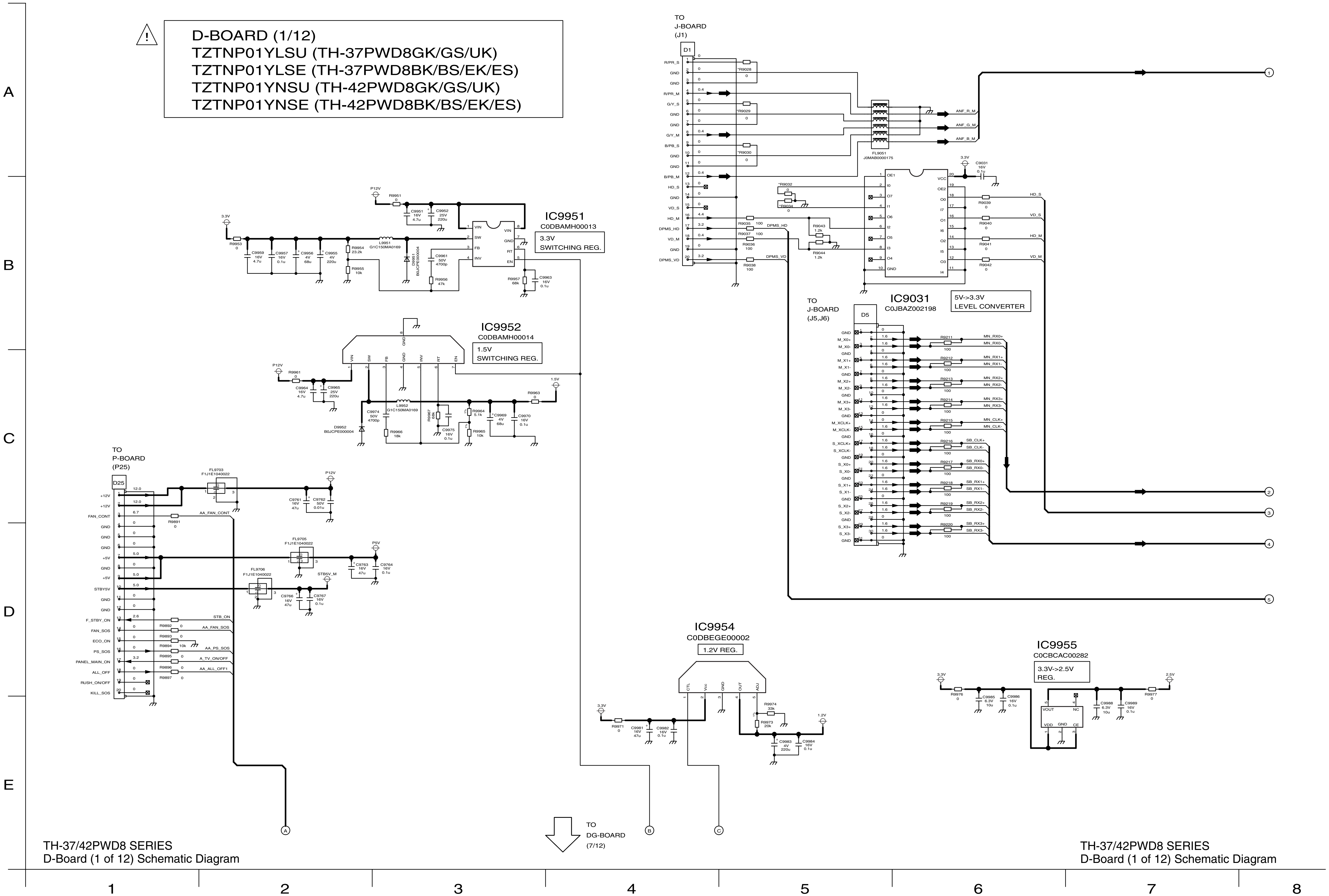

D DIGITAL SIGNAL PROCESSOR
FORMAT CONVERTER,
PlASMA AI
SUB-FIELD PROCESSOR
TO J1
D1
IC9002
IC9001
8bit A/D CONVERTER
CLAMP
PGA
8-bit ADC
Block Loop
HSYNC
VSYNC
SYNC SEPA
DTCLK
IIC CONT.
IICBUS
TO J5/J6
D5
IC9031
LEVEL CONVERTER
5V → 3.3V
LVDS RECEIVER
Low Voltage Differential Signaling
TTL PARALLEL DATA
RGB PICTURE OUTPUT
SYNC SIGNAL CONTROL
IC9201
SYNC SIGNAL CONTROL
LVDS RECEIVER
DISCHARGE VOLTAGE CONTROL
TTL S/P FPGA
IIC CONT.
DISCHARGE CONTROL
IC9601
SIGNAL PROCESSOR
FORMAT CONVERTER
PLASMA AI
SUB-FIELD PROCESSOR
DIGITAL SIGNAL PROCESSING
PICTURE IMPROVER
I/P,FORMAT CONVERTER
PLASMA AI SUB-FIELD PROCESSOR
DATA DRIVER
CLK CONT.
IC9500
PPL SYNTHESIZER
IC9602,9603
64Mbit SDRAM
IIC CONT.
IIC BUS
D31
TO C11
D32
TO C21
IC9605
RESET
IC9153
LEVEL CONVERTER
3.3V → 5V
IC9154
LEVEL CONVERTER
IC9151,9152
LEVEL CONVERTER
SUS DATA 6bit
DATA TIMING 8bit
SCAN DATA 13bit
TO P25
D25
IC9951
IC9955
IC9952
IC9954
Q9951-Q9953 VOLTAGE CONTROL
IC9203
FPGA PROM
JTAG
IC9303
FLASH ROM
IC9102
LEVEL CONVERTER
2.5V ← 3.3V
2.5V → 3.3V
IC9101
FPGA CONFIGRATION
SELECTOR FLASH MEMORY ACCESS TAP CONTROLLER
INTERFACE FLASH MEMORY CPU,FPGA
D10
FOR FACTORY USE
SOS BLINKING TIMES
P+3.3V SOS:LED 3TIMES
P+5V SOS:LED 4TIMES
Q9702
Q9703
Q9704
Q9705
IC9953
STB 3.3V
IC9704
RESET
IC9703
EEPROM 64k
IC9711
OR GATE
Q9706
Q9707
IC9715
5V ← 3.3V
IC9714
5V ← 3.3V
LEVEL CONVERTER
IC9701
MCU
IC9702
4Mbit FLASH MEMORY
IC9713
IIC SWITCH
Q9708
Q9711
IC9103
LEVEL CONVERTER
D20
TO SC20
IICBUS
D3
TO J3
D4
FOR FACTORY USE

TH-37/42PWD8 SERIES
D-Board Block Diagram

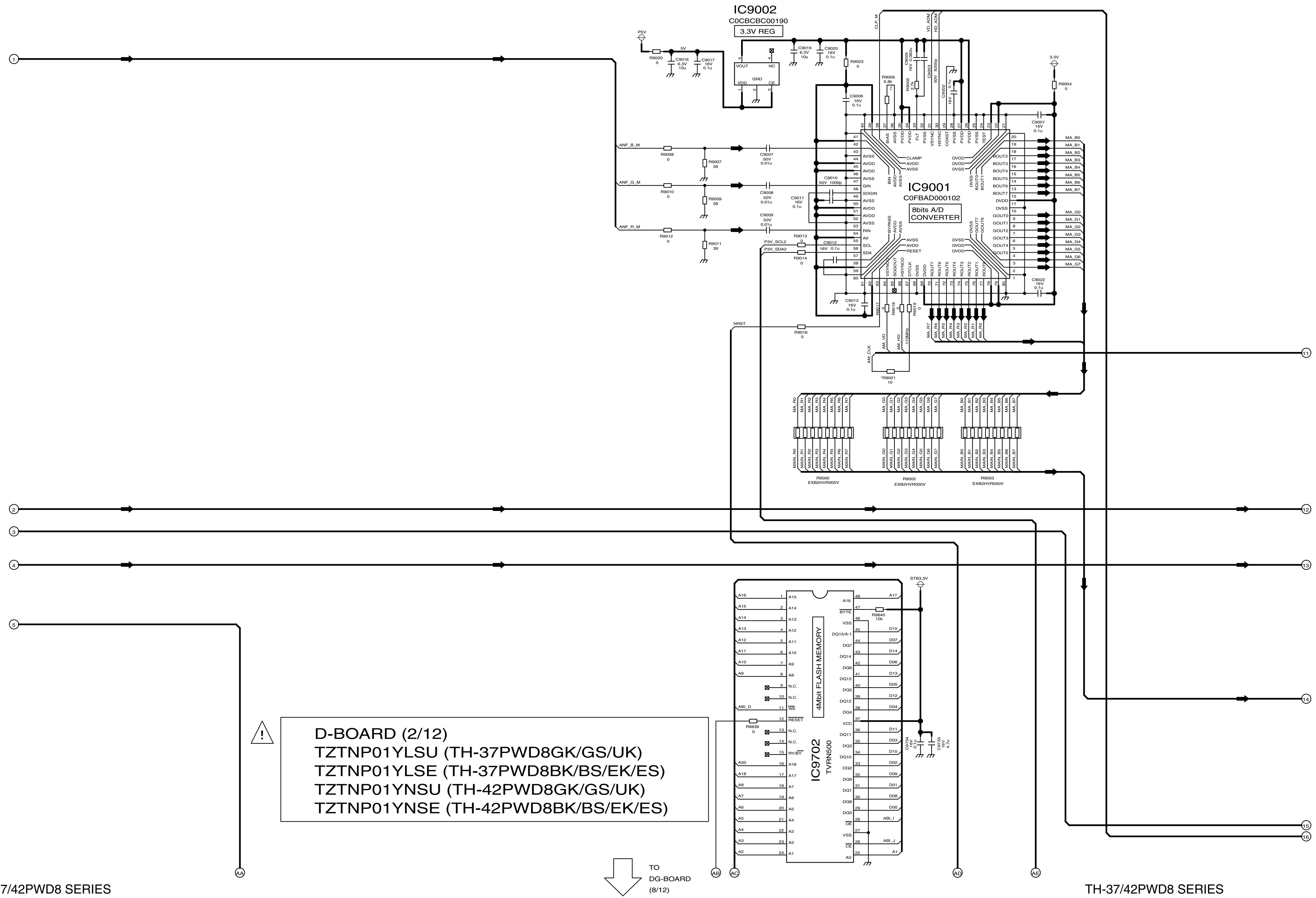
TH-37/42PWD8 SERIES
D-Board Block Diagram

15.28. D-Board (1 of 12) Schematic Diagram

D-BOARD (1/12)
TZTNP01YLSU (TH-37PWD8GK/GS/UK)
TZTNP01YLSE (TH-37PWD8BK/BS/EK/ES)
TZTNP01YNSU (TH-42PWD8GK/GS/UK)
TZTNP01YNSE (TH-42PWD8BK/BS/EK/ES)

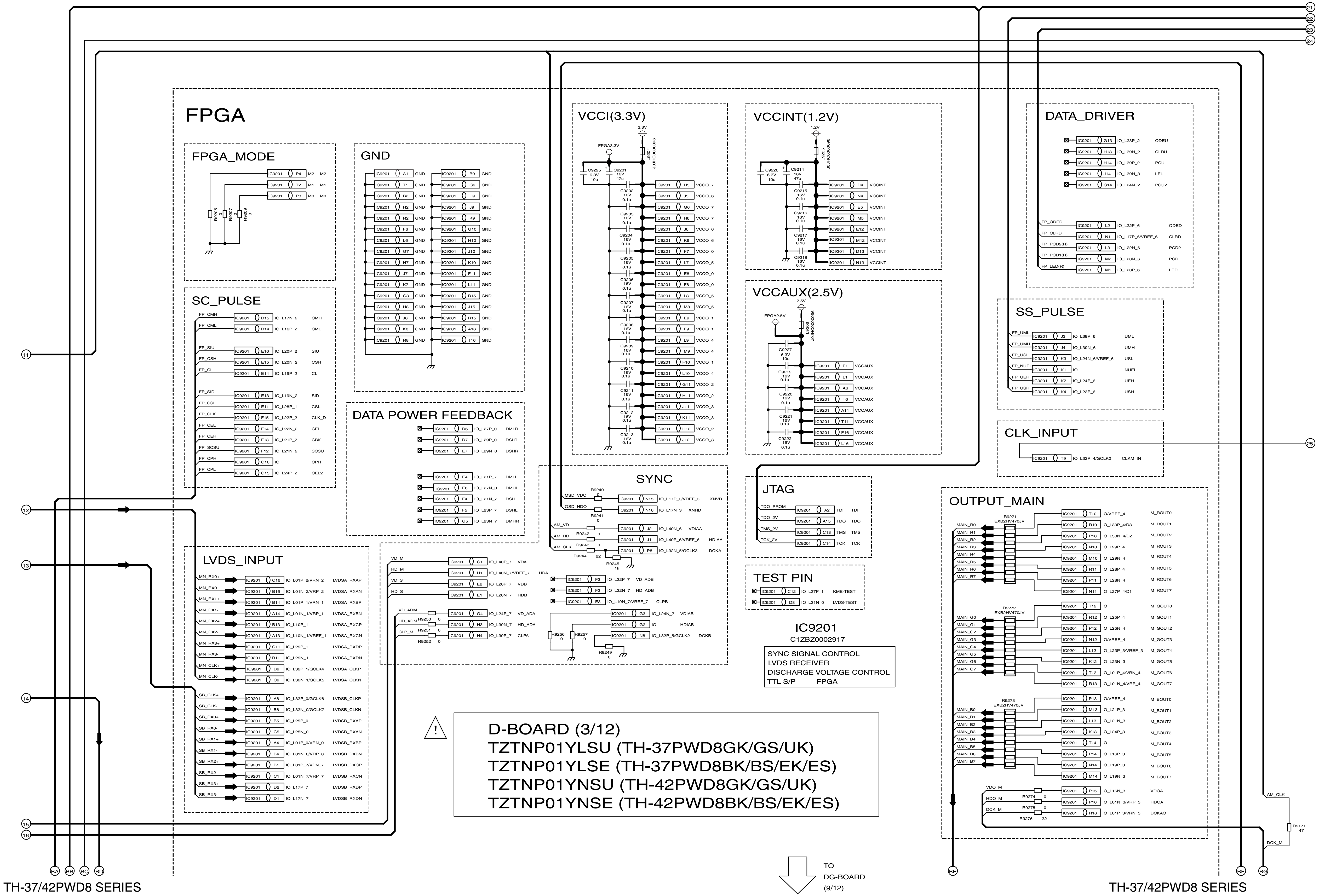

A
B
C
D
E
1
2
3
4
5
6
7
8
TO J-BOARD (J1)
D1
R/PR_S
GND
R/PR_M
G/Y_S
G/Y_M
B/PB_S
B/PB_M
HD_S
VD_S
HD_M
DPMS_HD
VD_M
DPMS_VD
R9028
R9029
R9030
FL9051 J0MAB0000175
ANF_R_M
ANF_G_M
ANF_B_M
R9032
R9034
R9035
R9036
R9037
R9038
R9043 1.2k
R9044 1.2k
R9039
R9040
R9041
R9042
C9031 16V 0.1u
3.3V
OE1
OE2
VCC
GND
IC9031
C0JBAZ002198
5V->3.3V LEVEL CONVERTER
TO J-BOARD (J5,J6)
D5
M_X0+
M_X0-
M_X1+
M_X1-
M_X2+
M_X2-
M_X3+
M_X3-
M_XCLK+
M_XCLK-
S_XCLK+
S_XCLK-
S_X0+
S_X0-
S_X1+
S_X1-
S_X2+
S_X2-
S_X3+
S_X3-
R9211
R9212
R9213
R9214
R9215
R9216
R9217
R9218
R9219
R9220
MN_RX0+
MN_RX0-
MN_RX1+
MN_RX1-
MN_RX2+
MN_RX2-
MN_RX3+
MN_RX3-
MN_CLK+
MN_CLK-
SB_CLK+
SB_CLK-
SB_RX0+
SB_RX0-
SB_RX1+
SB_RX1-
SB_RX2+
SB_RX2-
SB_RX3+
SB_RX3-
IC9951
C0DBAMH00013
3.3V SWITCHING REG.
P12V
R9951
C9951 16V 4.7u
C9952 25V 220u
R9953
C9959 16V 4.7u
C9957 16V 0.1u
C9956 4V 68u
C9955 4V 220u
R9954 23.2k
R9955 10k
L9951 G1C150MA0169
D9951 B0JCPE000004
C9961 50V 4700p
R9956 47k
R9957 68k
C9963 16V 0.1u
VIN
SW
FB
INV
GND
RT
EN
IC9952
C0DBAMH00014
1.5V SWITCHING REG.
R9961
C9964 16V 4.7u
C9965 25V 220u
C9974 50V 4700p
L9952 G1C150MA0169
D9952 B0JCPE000004
R9966 18k
R9967 68k
C9975 16V 0.1u
R9964 5.1k
R9965 10k
C9969 4V 68u
C9970 16V 0.1u
R9963
1.5V
TO P-BOARD (P25)
D25
+12V
FAN_CONT
GND
+5V
STBY5V
F_STBY_ON
FAN_SOS
ECO_ON
PS_SOS
PANEL_MAIN_ON
ALL_OFF
RUSH_ON/OFF
KILL_SOS
FL9703 F1J1E1040022
FL9705 F1J1E1040022
FL9706 F1J1E1040022
C9761 16V 47u
C9762 50V 0.01u
C9763 16V 47u
C9764 16V 0.1u
C9766 16V 47u
C9767 16V 0.1u
P5V
STB5V_M
R9891
AA_FAN_CONT
STB_ON
AA_FAN_SOS
AA_PS_SOS
A_TV_ON/OFF
A_ALL_OFF1
R9892
R9893
R9894 10k
R9895
R9896
R9897
IC9954
C0DBEGE00002
1.2V REG.
CTL
Vcc
GND
OUT
ADJ
R9971
C9981 16V 47u
C9982 16V 0.1u
R9974 33k
R9973 20k
C9983 4V 220u
C9984 16V 0.1u
1.2V
IC9955
C0CBCAC00282
3.3V->2.5V REG.
R9976
C9985 6.3V 10u
C9986 16V 0.1u
VOUT
NC
VDD
CE
C9988 6.3V 10u
C9989 16V 0.1u
R9977
2.5V
TO DG-BOARD (7/12)

15.29. D-Board (2 of 12) Schematic Diagram


IC9002
C0CBCBC00190
3.3V REG
IC9001
C0FBAD000102
8bits A/D CONVERTER
IC9702
TVRN500
4Mbit FLASH MEMORY
ANF_B_M
ANF_G_M
ANF_R_M
P3V_SCL2
P3V_SDA2
NRST
AM_CLK
AM_VD
AM_HD
CLP_M
VD_ADM
HD_ADM
P5V
3.3V
STB3.3V
R9000 EXB2HVR000V
R9002 EXB2HVR000V
R9003 EXB2HVR000V
TO DG-BOARD (8/12)
AA
AB
AC
AD
AE
1
2
3
4
5
11
12
13
14
15
16

D-BOARD (2/12)
TZTNP01YLSU (TH-37PWD8GK/GS/UK)
TZTNP01YLSE (TH-37PWD8BK/BS/EK/ES)
TZTNP01YNSU (TH-42PWD8GK/GS/UK)
TZTNP01YNSE (TH-42PWD8BK/BS/EK/ES)

15.30. D-Board (3 of 12) Schematic Diagram

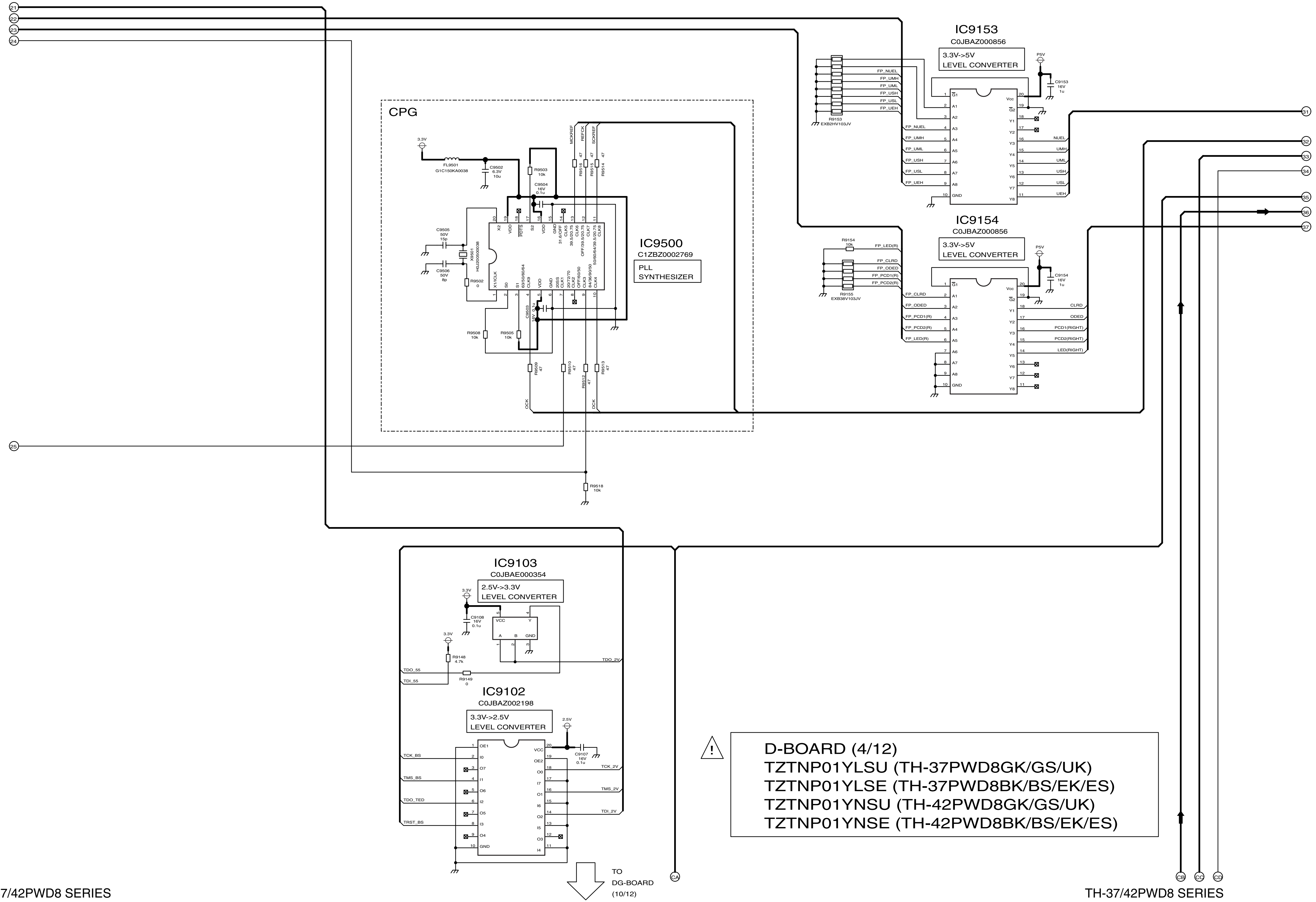

FPGA
FPGA_MODE
GND
VCCI(3.3V)
VCCINT(1.2V)
DATA_DRIVER
SC_PULSE
VCCAUX(2.5V)
SS_PULSE
DATA POWER FEEDBACK
CLK_INPUT
SYNC
JTAG
OUTPUT_MAIN
LVDS_INPUT
TEST PIN
IC9201
C1ZBZ0002917
SYNC SIGNAL CONTROL
LVDS RECEIVER
DISCHARGE VOLTAGE CONTROL
TTL S/P FPGA
D-BOARD (3/12)
TZTNP01YLSU (TH-37PWD8GK/GS/UK)
TZTNP01YLSE (TH-37PWD8BK/BS/EK/ES)
TZTNP01YNSU (TH-42PWD8GK/GS/UK)
TZTNP01YNSE (TH-42PWD8BK/BS/EK/ES)
TO
DG-BOARD
(9/12)
21
22
23
24
25
11
12
13
14
15
16
BA
BB
BC
BD
BE
BF
BG

TH-37/42PWD8 SERIES
D-Board (3 of 12) Schematic Diagram

TH-37/42PWD8 SERIES
D-Board (3 of 12) Schematic Diagram

16
17
18
19
20
21
22
23

15.31. D-Board (4 of 12) Schematic Diagram

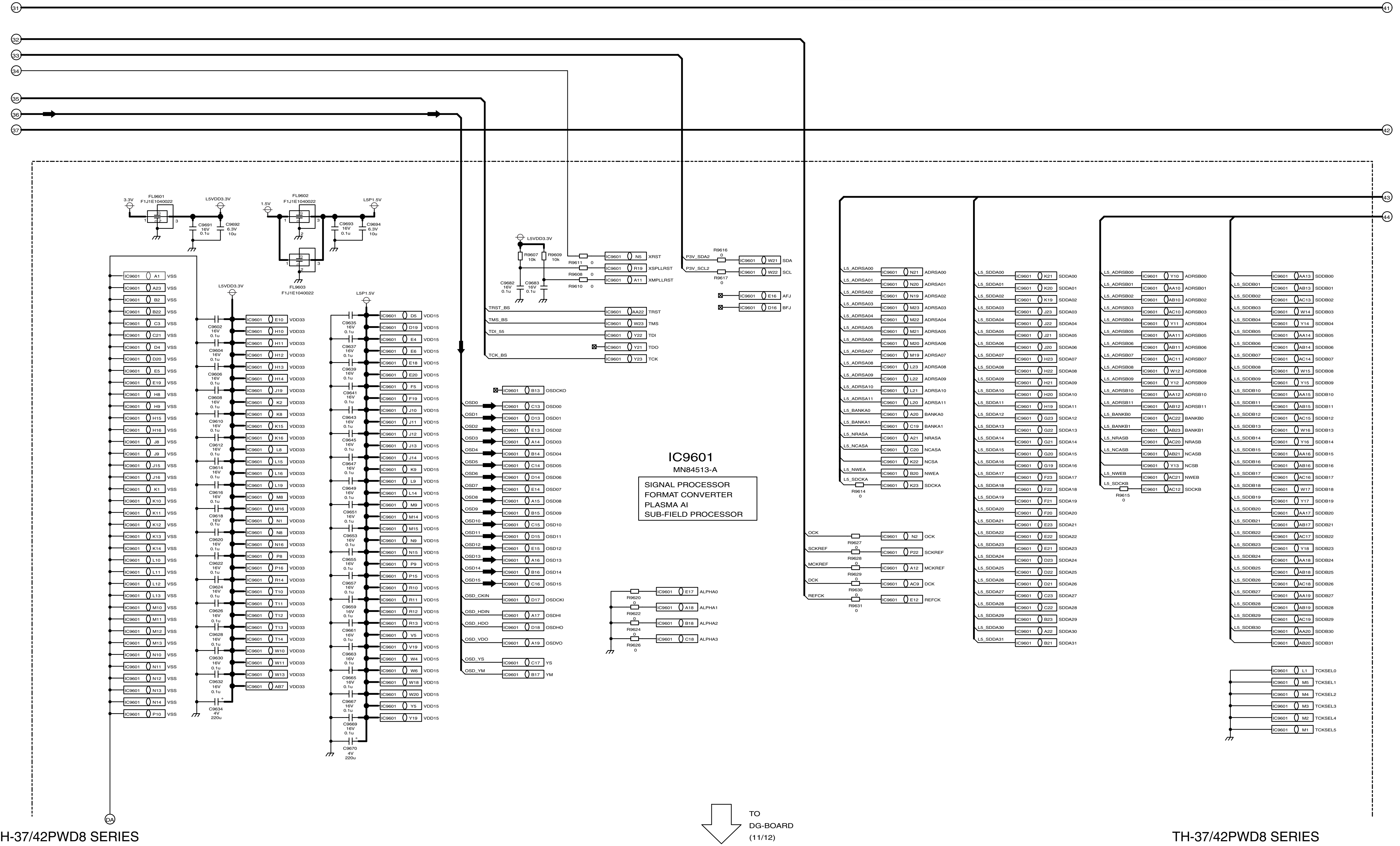

21
22
23
24
25
CPG
3.3V
FL9501
G1C150KA0038
C9502
6.3V
10u
R9503
10k
C9504
16V
0.1u
MCKREF
REFCK
SCKREF
R9516 47
R9515 47
R9514 47
C9505
50V
15p
C9506
50V
8p
X9501
H0J200500038
R9502
0
IC9500
C1ZBZ0002769
PLL
SYNTHESIZER
X2
VDD
PDTS
S2
VDD
GND
31.6/OFF
CLK5
39.5/20.75
CLK6
OFF/39.5/20.75
CLK7
50/60/64/39.5/20.75
CLK8
X1/ICLK
S0
S1
63/50/60/64
CLK9
VDD
GND
20SS
CLK1
20/72/70
CLK2
OFF/60/50
CLK3
84/36/90/50
CLK4
C9503
16V
0.1u
R9508
10k
R9505
10k
R9509 47
R9510 47
R9512 47
R9513 47
OCK
DCK
R9518
10k
IC9153
C0JBAZ000856
3.3V->5V
LEVEL CONVERTER
P5V
C9153
16V
1u
R9153
EXB2HV103JV
FP_NUEL
FP_UMH
FP_UML
FP_USH
FP_USL
FP_UEH
G1
A1
A2
A3
A4
A5
A6
A7
A8
GND
Vcc
G2
Y1
Y2
Y3
Y4
Y5
Y6
Y7
Y8
NUEL
UMH
UML
USH
USL
UEH
IC9154
C0JBAZ000856
3.3V->5V
LEVEL CONVERTER
P5V
C9154
16V
1u
R9154
10k
FP_LED(R)
FP_CLRD
FP_ODED
FP_PCD1(R)
FP_PCD2(R)
R9155
EXB38V103JV
CLRD
ODED
PCD1(RIGHT)
PCD2(RIGHT)
LED(RIGHT)
31
32
33
34
35
36
37
IC9103
C0JBAE000354
2.5V->3.3V
LEVEL CONVERTER
3.3V
C9108
16V
0.1u
VCC
Y
A
B
GND
R9148
4.7k
TDO_55
TDI_55
R9149
0
TDO_2V
IC9102
C0JBAZ002198
3.3V->2.5V
LEVEL CONVERTER
2.5V
C9107
16V
0.1u
TCK_BS
TMS_BS
TDO_TED
TRST_BS
OE1
I0
O7
I1
O6
I2
O5
I3
O4
GND
VCC
OE2
O0
I7
O1
I6
O2
I5
O3
I4
TCK_2V
TMS_2V
TDI_2V
TO
DG-BOARD
(10/12)
CA
CB
CC
CD
23
24
25
26
27
28
29
30

!

D-BOARD (4/12)
TZTNP01YLSU (TH-37PWD8GK/GS/UK)
TZTNP01YLSE (TH-37PWD8BK/BS/EK/ES)
TZTNP01YNSU (TH-42PWD8GK/GS/UK)
TZTNP01YNSE (TH-42PWD8BK/BS/EK/ES)

15.32. D-Board (5 of 12) Schematic Diagram

D-BOARD (5/12)
TZTNP01YLSU (TH-37PWD8GK/GS/UK)
TZTNP01YLSE (TH-37PWD8BK/BS/EK/ES)
TZTNP01YNSU (TH-42PWD8GK/GS/UK)
TZTNP01YNSE (TH-42PWD8BK/BS/EK/ES)



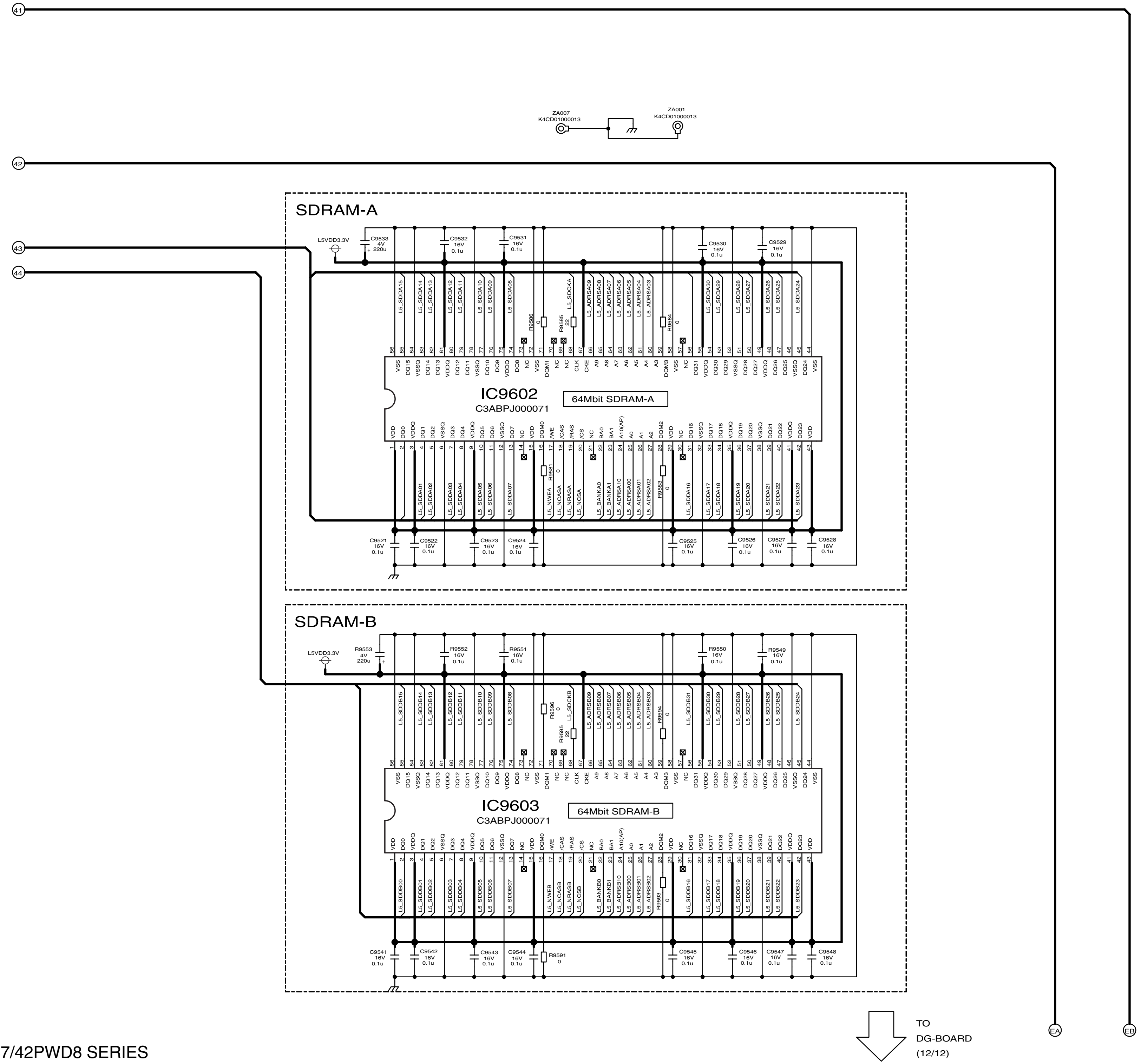
IC9601
MN84513-A
SIGNAL PROCESSOR
FORMAT CONVERTER
PLASMA AI
SUB-FIELD PROCESSOR
FL9601
F1J1E1040022
FL9602
F1J1E1040022
FL9603
F1J1E1040022
3.3V
1.5V
L5VDD3.3V
L5P1.5V
VSS
VDD33
VDD15
XRST
XSPLLRST
XMPLLRST
SDA
SCL
AFJ
BFJ
TRST
TMS
TDI
TDO
TCK
OSDCKO
OSD00
OSD15
OSDCKI
OSDHI
OSDHO
OSDVO
YS
YM
ALPHA0
ALPHA1
ALPHA2
ALPHA3
OCK
SCKREF
MCKREF
DCK
REFCK
ADRSA00
ADRSA11
BANKA0
BANKA1
NRASA
NCASA
NCSA
NWEA
SDCKA
SDDA00
SDDA31
ADRSB00
ADRSB11
BANKB0
BANKB1
NRASB
NCASB
NCSB
NWEB
SDCKB
SDDB00
SDDB31
TCKSEL0
TCKSEL1
TCKSEL2
TCKSEL3
TCKSEL4
TCKSEL5
31
32
33
34
35
36
37
41
42
43
44
DA
TO
DG-BOARD
(11/12)

TH-37/42PWD8 SERIES
D-Board (5 of 12) Schematic Diagram

TH-37/42PWD8 SERIES
D-Board (5 of 12) Schematic Diagram

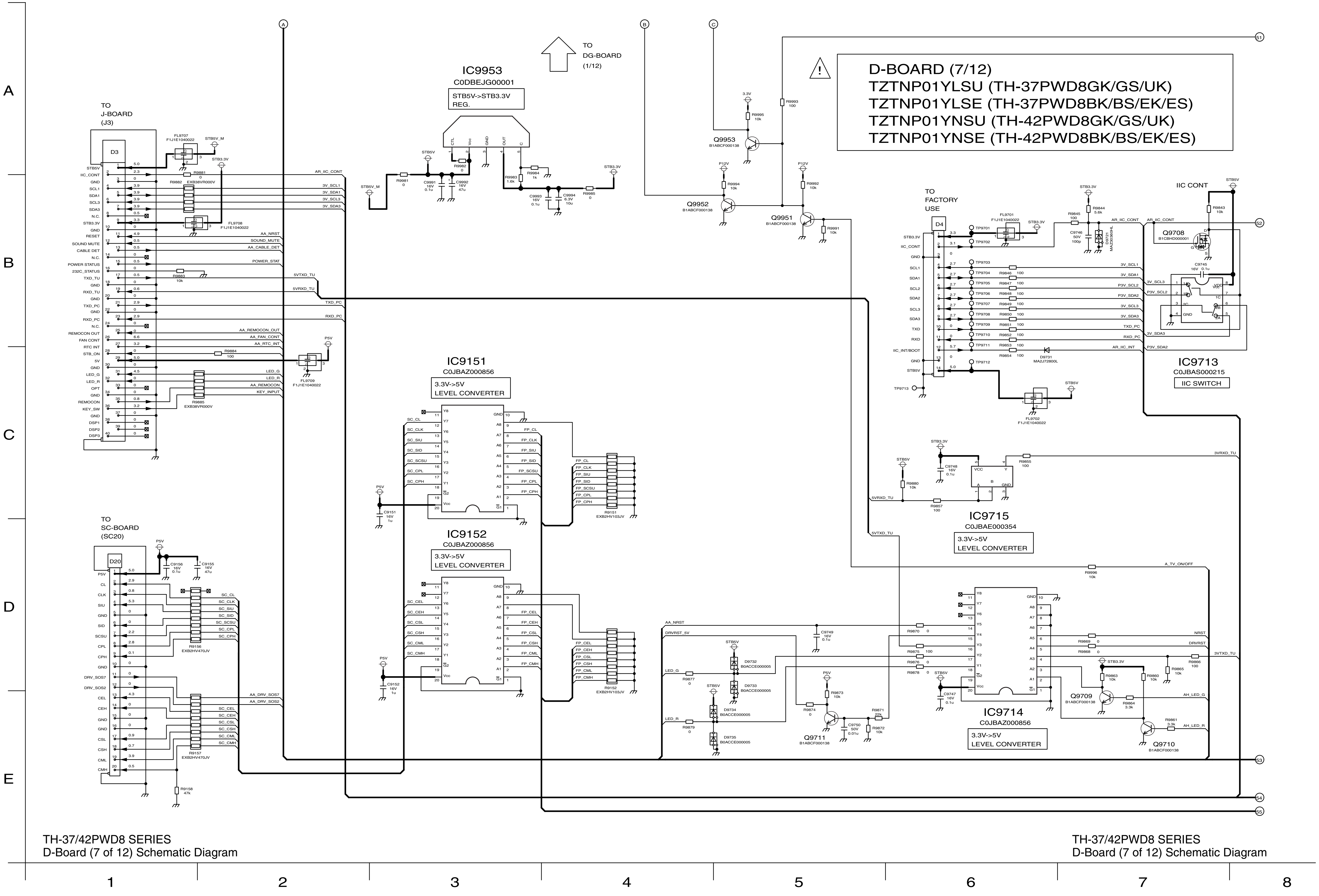
31 32 33 34 35 36 37 38

15.33. D-Board (6 of 12) Schematic Diagram


41
42
43
44
ZA007
K4CD01000013
ZA001
K4CD01000013
SDRAM-A
L5VDD3.3V
C9533
4V
220u
C9532
16V
0.1u
C9531
16V
0.1u
C9530
16V
0.1u
C9529
16V
0.1u
IC9602
C3ABPJ000071
64Mbit SDRAM-A
C9521
C9522
C9523
C9524
C9525
C9526
C9527
C9528
SDRAM-B
L5VDD3.3V
R9553
4V
220u
R9552
R9551
R9550
R9549
IC9603
C3ABPJ000071
64Mbit SDRAM-B
C9541
C9542
C9543
C9544
R9591
C9545
C9546
C9547
C9548
TO
DG-BOARD
(12/12)
EA
EB

⚠ D-BOARD (6/12)
TZTNP01YLSU (TH-37PWD8GK/GS/UK)
TZTNP01YLSE (TH-37PWD8BK/BS/EK/ES)
TZTNP01YNSU (TH-42PWD8GK/GS/UK)
TZTNP01YNSE (TH-42PWD8BK/BS/EK/ES)

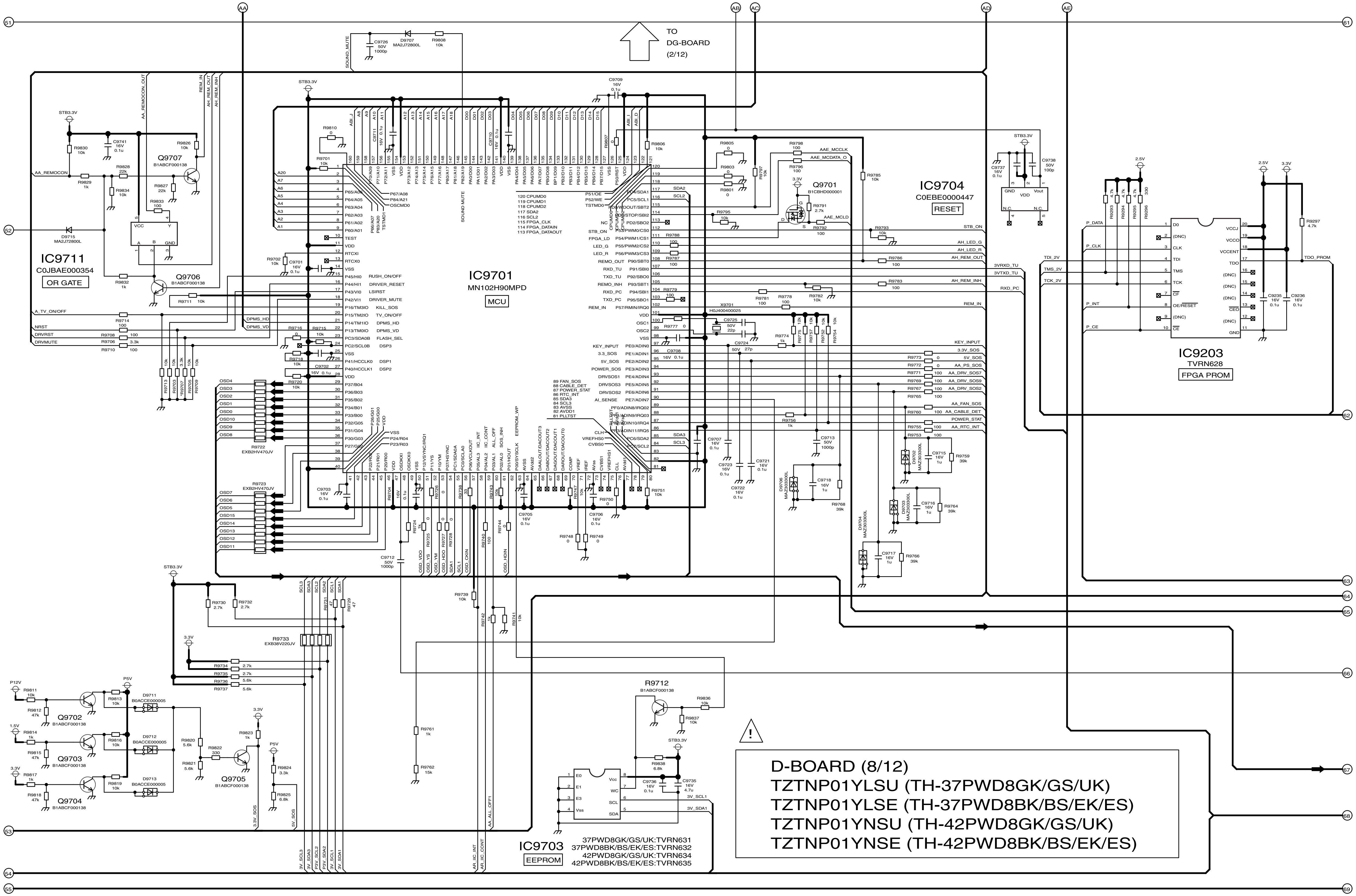
15.34. D-Board (7 of 12) Schematic Diagram


D-BOARD (7/12)
TZTNP01YLSU (TH-37PWD8GK/GS/UK)
TZTNP01YLSE (TH-37PWD8BK/BS/EK/ES)
TZTNP01YNSU (TH-42PWD8GK/GS/UK)
TZTNP01YNSE (TH-42PWD8BK/BS/EK/ES)
TO DG-BOARD (1/12)
IC9953
C0DBEJG00001
STB5V->STB3.3V REG.
TO J-BOARD (J3)
D3
TO SC-BOARD (SC20)
D20
TO FACTORY USE
D4
IIC CONT
Q9708
IC9713
C0JBAS000215
IIC SWITCH
Q9953
Q9952
Q9951
IC9151
C0JBAZ000856
3.3V->5V LEVEL CONVERTER
IC9152
C0JBAZ000856
3.3V->5V LEVEL CONVERTER
IC9715
C0JBAE000354
3.3V->5V LEVEL CONVERTER
IC9714
C0JBAZ000856
3.3V->5V LEVEL CONVERTER
Q9709
Q9710
Q9711
A
B
C
D
E
1
2
3
4
5
6
7
8

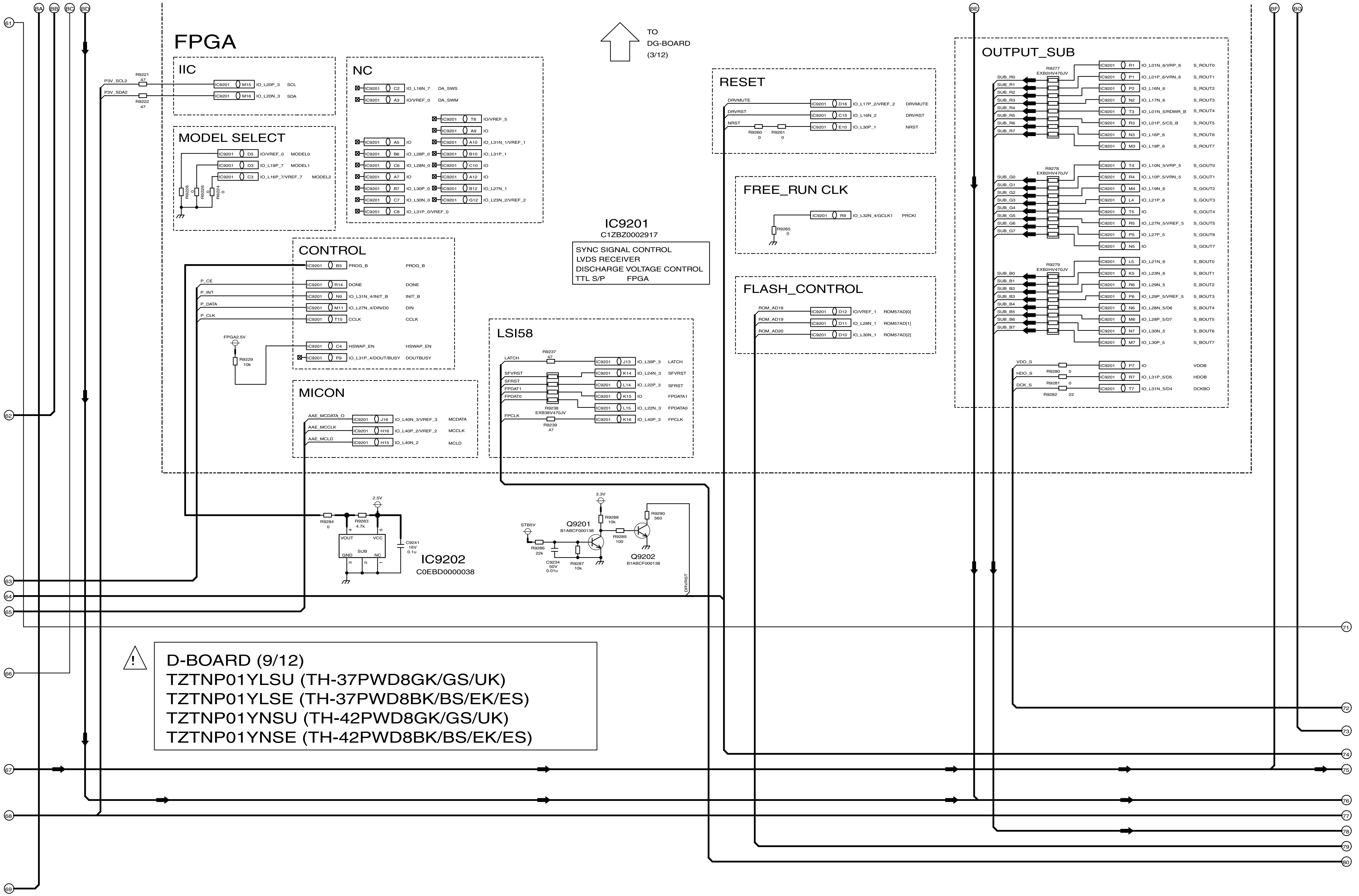
TH-37/42PWD8 SERIES
D-Board (7 of 12) Schematic Diagram

TH-37/42PWD8 SERIES
D-Board (7 of 12) Schematic Diagram

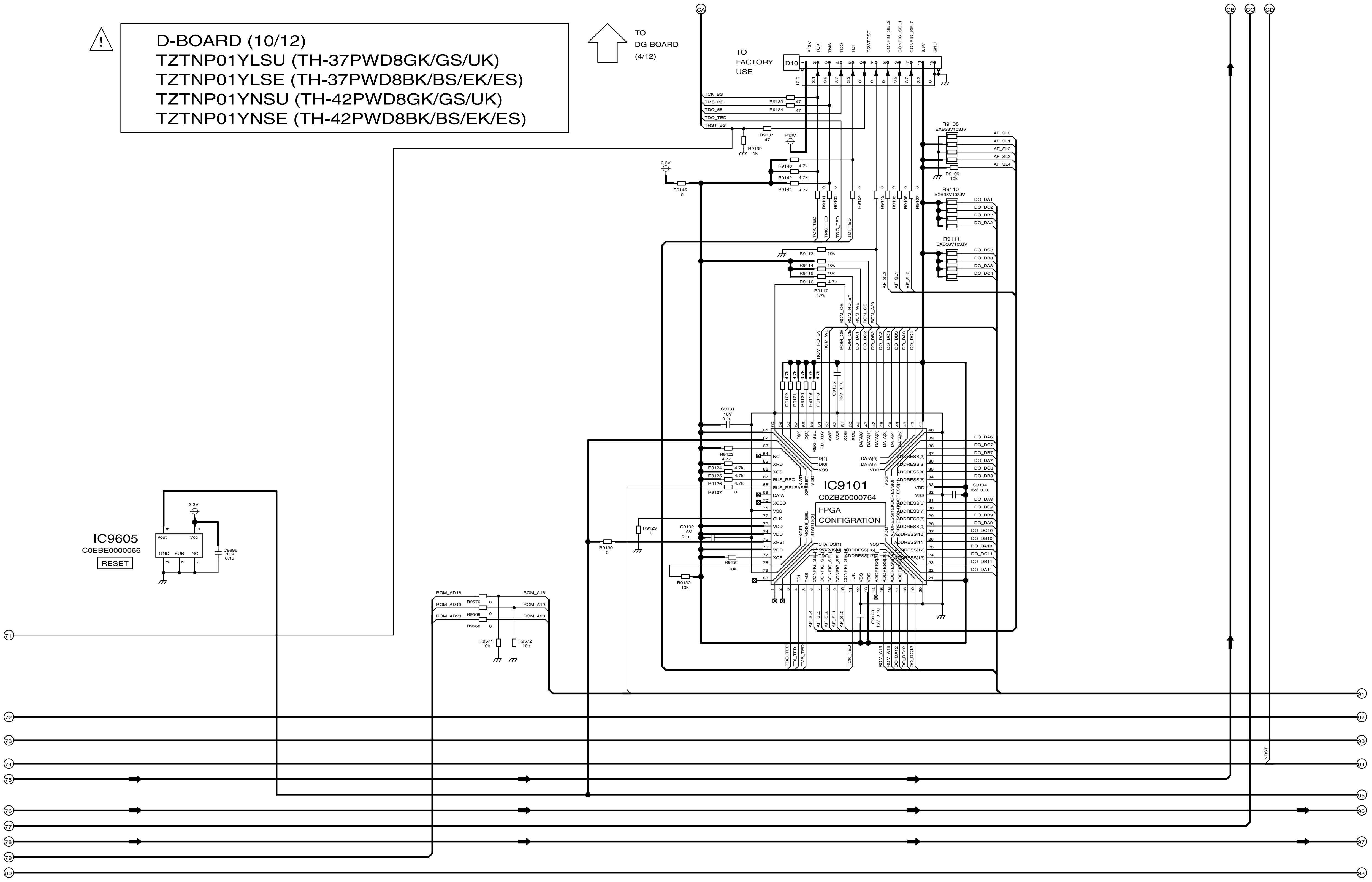
15.35. D-Board (8 of 12) Schematic Diagram


TO
DG-BOARD
(2/12)
IC9701
MN102H90MPD
MCU
IC9704
C0EBE0000447
RESET
IC9711
C0JBAE000354
OR GATE
IC9203
TVRN628
FPGA PROM
Q9701
B1CBHD000001
Q9706
B1ABCF000138
Q9707
B1ABCF000138
Q9702
B1ABCF000138
Q9703
B1ABCF000138
Q9704
B1ABCF000138
Q9705
B1ABCF000138
R9712
B1ABCF000138
IC9703
EEPROM
37PWD8GK/GS/UK:TVRN631
37PWD8BK/BS/EK/ES:TVRN632
42PWD8GK/GS/UK:TVRN634
42PWD8BK/BS/EK/ES:TVRN635
R9722
EXB2HV470JV
R9723
EXB2HV470JV
R9733
EXB38V220JV
X9701
H0J400400025
STB3.3V
P12V
P5V
1.5V
3.3V
2.5V
AA_REMOCON
A_TV_ON/OFF
NRST
DRVRST
DRVMUTE
SOUND_MUTE
STB_ON
AH_LED_G
AH_LED_R
AH_REM_OUT
AH_REM_INH
RXD_PC
REM_IN
KEY_INPUT
3.3V_SOS
5V_SOS
AA_PS_SOS
AA_DRV_SOS7
AA_DRV_SOS9
AA_DRV_SOS2
AA_FAN_SOS
AA_CABLE_DET
POWER_STAT
AA_RTC_INT
AAE_MCCLK
AAE_MCDATA_O
AAE_MCLD
P_DATA
P_CLK
P_INT
P_CE
TDI_2V
TMS_2V
TCK_2V
TDO_PROM
3VRXD_TU
3VTXD_TU
3V_SCL1
3V_SDA1
OSD1
OSD2
OSD3
OSD4
OSD5
OSD6
OSD7
OSD8
OSD9
OSD10
OSD11
OSD12
OSD13
OSD14
OSD15
DPMS_HD
DPMS_VD
D-BOARD (8/12)
TZTNP01YLSU (TH-37PWD8GK/GS/UK)
TZTNP01YLSE (TH-37PWD8BK/BS/EK/ES)
TZTNP01YNSU (TH-42PWD8GK/GS/UK)
TZTNP01YNSE (TH-42PWD8BK/BS/EK/ES)

15.36. D-Board (9 of 12) Schematic Diagram


FPGA
IIC
NC
MODEL SELECT
CONTROL
MICON
LSI58
TO DG-BOARD (3/12)
RESET
FREE_RUN CLK
FLASH_CONTROL
OUTPUT_SUB
IC9201
C1ZBZ0002917
SYNC SIGNAL CONTROL
LVDS RECEIVER
DISCHARGE VOLTAGE CONTROL
TTL S/P FPGA
IC9202
C0EBD0000038
Q9201
B1ABCF000138
Q9202
B1ABCF000138
D-BOARD (9/12)
TZTNP01YLSU (TH-37PWD8GK/GS/UK)
TZTNP01YLSE (TH-37PWD8BK/BS/EK/ES)
TZTNP01YNSU (TH-42PWD8GK/GS/UK)
TZTNP01YNSE (TH-42PWD8BK/BS/EK/ES)

15.37. D-Board (10 of 12) Schematic Diagram

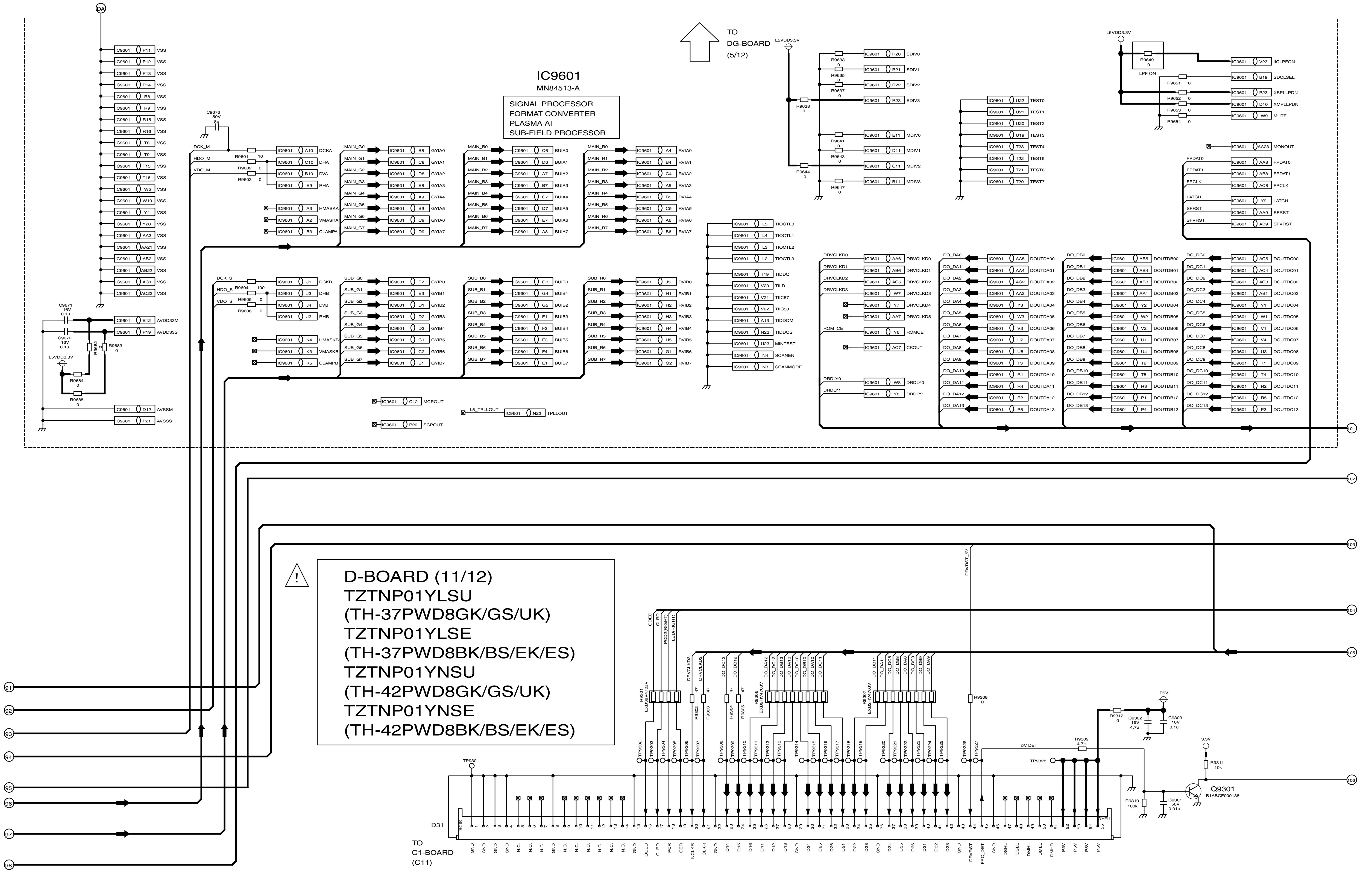

D-BOARD (10/12)
TZTNP01YLSU (TH-37PWD8GK/GS/UK)
TZTNP01YLSE (TH-37PWD8BK/BS/EK/ES)
TZTNP01YNSU (TH-42PWD8GK/GS/UK)
TZTNP01YNSE (TH-42PWD8BK/BS/EK/ES)
TO DG-BOARD (4/12)
TO FACTORY USE
D10
IC9101
C0ZBZ0000764
FPGA CONFIGRATION
IC9605
C0EBE0000066
RESET
R9108 EXB38V103JV
R9110 EXB38V103JV
R9111 EXB38V103JV
ROM_AD18
ROM_AD19
ROM_AD20
ROM_A18
ROM_A19
ROM_A20
CA
CB
CC
CD

TH-37/42PWD8 SERIES
D-Board (10 of 12) Schematic Diagram

TH-37/42PWD8 SERIES
D-Board (10 of 12) Schematic Diagram

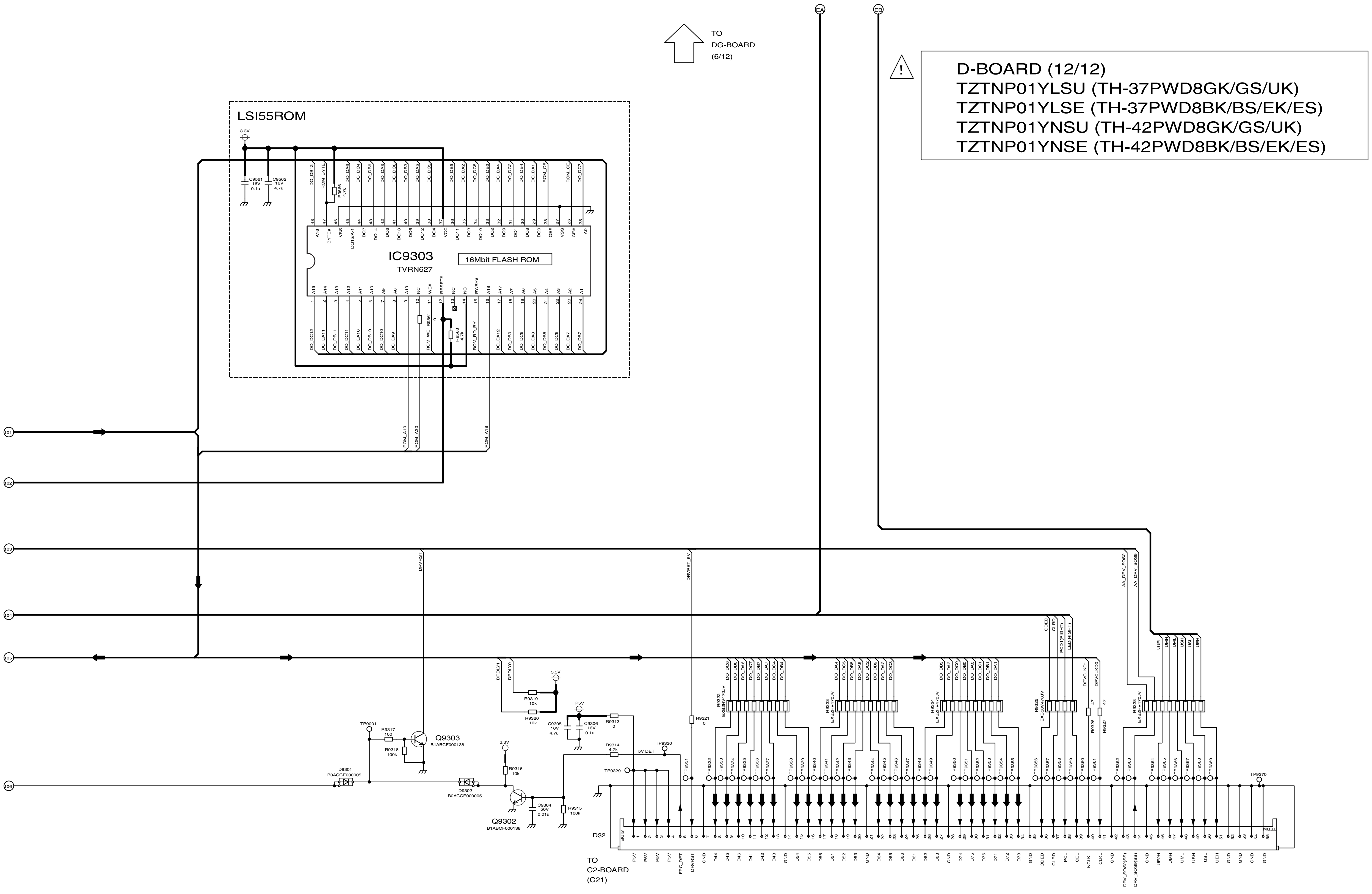
23 24 25 26 27 28 29 30

15.38. D-Board (11 of 12) Schematic Diagram


DA
IC9601
MN84513-A
SIGNAL PROCESSOR
FORMAT CONVERTER
PLASMA AI
SUB-FIELD PROCESSOR
TO
DG-BOARD
(5/12)
L5VDD3.3V
TO
C1-BOARD
(C11)
D31
Q9301
B1ABCF000138
TP9301
TP9328
5V DET
P5V
3.3V

D-BOARD (11/12)
TZTNP01YLSU
(TH-37PWD8GK/GS/UK)
TZTNP01YLSE
(TH-37PWD8BK/BS/EK/ES)
TZTNP01YNSU
(TH-42PWD8GK/GS/UK)
TZTNP01YNSE
(TH-42PWD8BK/BS/EK/ES)

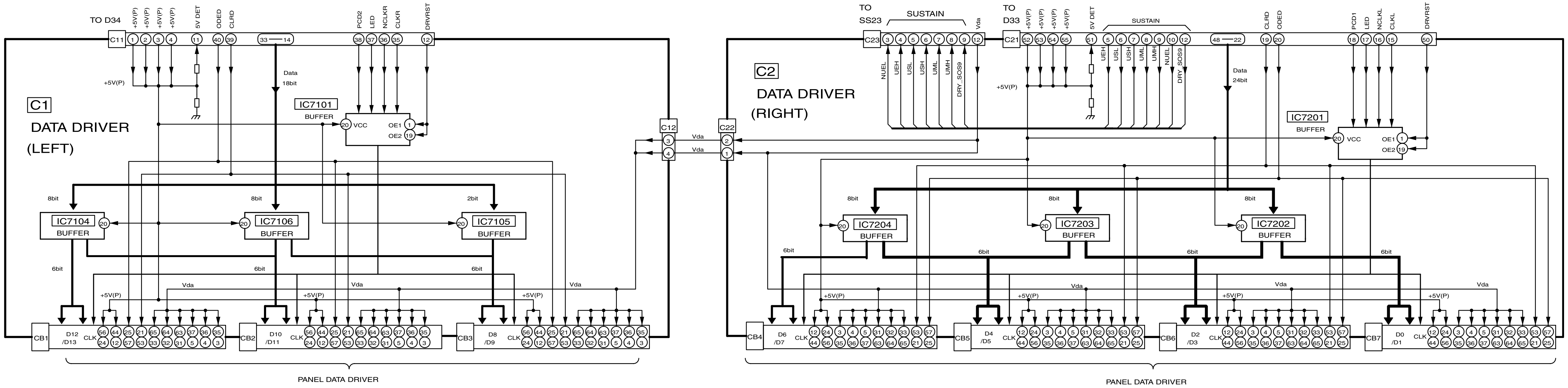
15.39. D-Board (12 of 12) Schematic Diagram



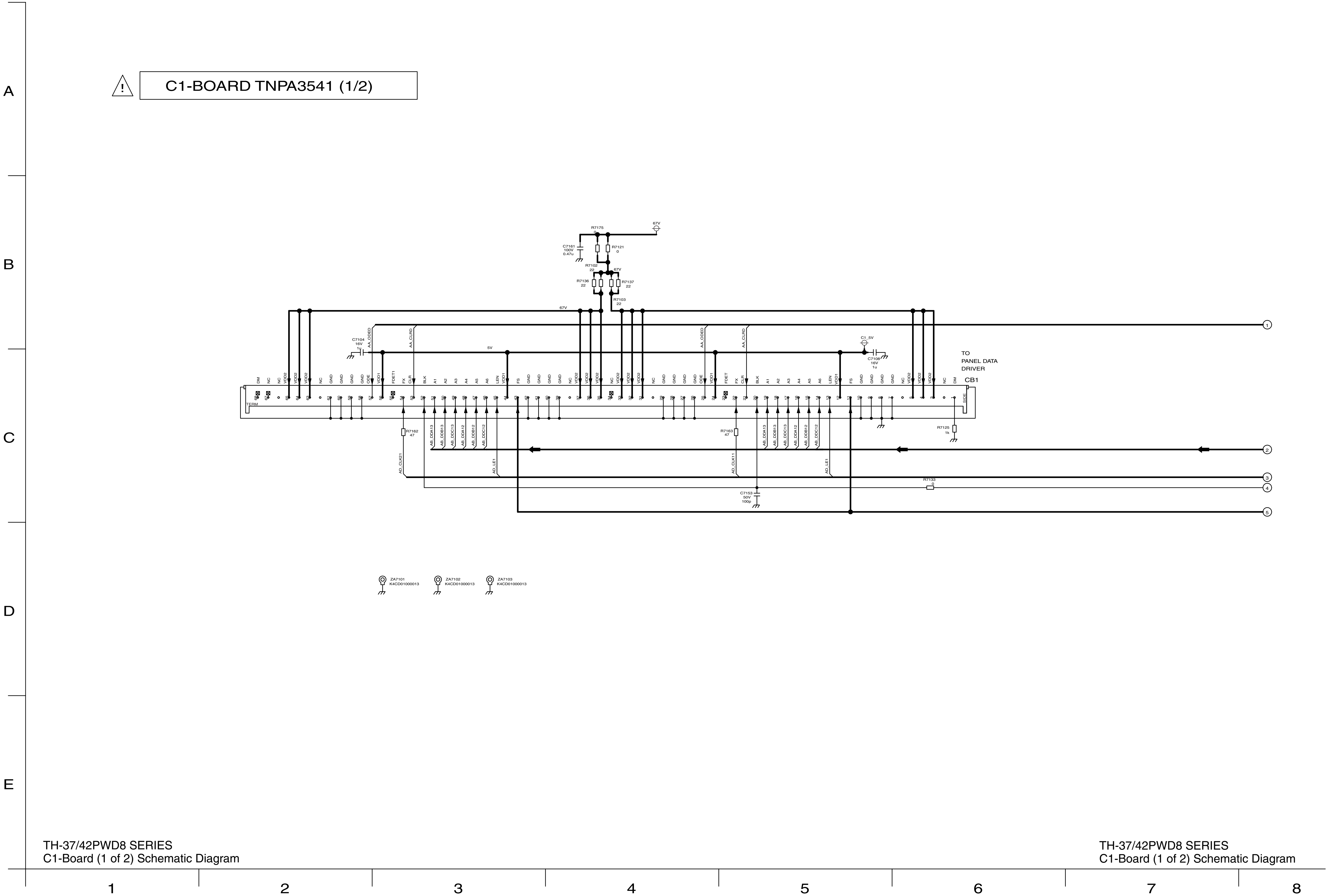
D-BOARD (12/12)
TZTNP01YLSU (TH-37PWD8GK/GS/UK)
TZTNP01YLSE (TH-37PWD8BK/BS/EK/ES)
TZTNP01YNSU (TH-42PWD8GK/GS/UK)
TZTNP01YNSE (TH-42PWD8BK/BS/EK/ES)

TO
DG-BOARD
(6/12)
EA
EB
LSI55ROM
3.3V
C9561 16V 0.1u
C9562 16V 4.7u
IC9303
TVRN627
16Mbit FLASH ROM
ROM_A19
ROM_A20
ROM_A18
DRVRST
DRVRST_5V
TP9001
R9317 100
R9318 100k
Q9303
B1ABCF000138
D9301
B0ACCE000005
D9302
B0ACCE000005
Q9302
B1ABCF000138
R9319 10k
R9320 10k
C9305 16V 4.7u
C9306 16V 0.1u
R9313 0
R9314 4.7k
R9315 100k
R9316 10k
C9304 50V 0.01u
P5V
5V DET
TP9329
TP9330
R9321 0
R9322
R9323
R9324
R9325
R9326
R9327
R9328
AA_DRV_SOS2
AA_DRV_SOS9
TP9370
D32
TO
C2-BOARD
(C21)

15.40. C1 and C2-Board Block Diagram


TO D34
C11
+5V(P)
5V DET
ODED
CLRD
Data
18bit
PCD2
LED
NCLKR
CLKR
DRVRST
C1
DATA DRIVER
(LEFT)
IC7101
BUFFER
VCC
OE1
OE2
C12
Vda
C22
IC7104
BUFFER
IC7106
BUFFER
IC7105
BUFFER
8bit
2bit
6bit
CB1
D12
/D13
CLK
CB2
D10
/D11
CB3
D8
/D9
PANEL DATA DRIVER
TO
SS23
SUSTAIN
C23
NUEL
UEH
USL
USH
UML
UMH
DRY_SOS9
TO
D33
C21
Data
24bit
CLRD
ODED
PCD1
LED
NCLKL
CLKL
DRVRST
C2
DATA DRIVER
(RIGHT)
IC7201
BUFFER
IC7204
BUFFER
IC7203
BUFFER
IC7202
BUFFER
CB4
D6
/D7
CB5
D4
/D5
CB6
D2
/D3
CB7
D0
/D1
PANEL DATA DRIVER

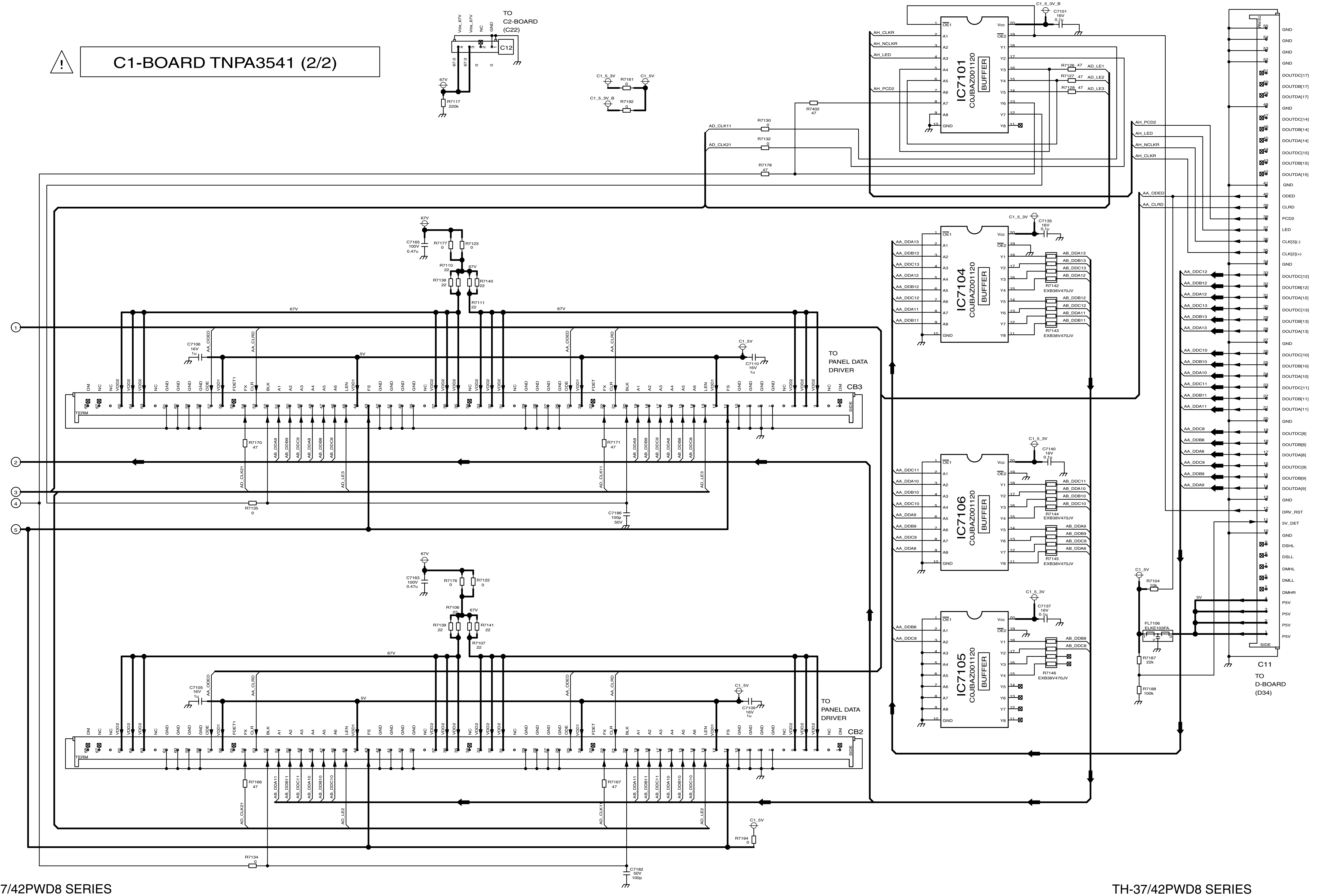
15.41. C1-Board (1 of 2) Schematic Diagram (37 inch)


C1-BOARD TNPA3541 (1/2)
A
B
C
D
E
1
2
3
4
5
6
7
8
R7175
0
67V
C7161
100V
0.47u
R7121
0
R7102
22
67V
R7136
22
R7137
22
R7103
22
67V
C7104
16V
1u
AA_ODED
AA_CLRD
5V
C1_5V
C7108
16V
1u
TO
PANEL DATA
DRIVER
CB1
DM
NC
NC
VDD2
VDD2
VDD2
NC
GND
GND
GND
GND
ODE
VDD1
FDET1
FX
CLR
BLK
A1
A2
A3
A4
A5
A6
LEN
VDD1
FS
GND
GND
GND
GND
NC
VDD2
VDD2
VDD2
NC
VDD2
VDD2
VDD2
NC
GND
GND
GND
GND
ODE
VDD1
FDET
FX
CLR
BLK
A1
A2
A3
A4
A5
A6
LEN
VDD1
FS
GND
GND
GND
GND
NC
VDD2
VDD2
VDD2
NC
DM
TERM
SIDE
R7162
47
AB_DDA13
AB_DDB13
AB_DDC13
AB_DDA12
AB_DDB12
AB_DDC12
AD_CLK21
AD_LE1
R7163
47
AB_DDA13
AB_DDB13
AB_DDC13
AB_DDA12
AB_DDB12
AB_DDC12
AD_CLK11
AD_LE1
R7125
1k
R7133
0
C7153
50V
100p
①
②
③
④
⑤
ZA7101
K4CD01000013
ZA7102
K4CD01000013
ZA7103
K4CD01000013

TH-37/42PWD8 SERIES
C1-Board (1 of 2) Schematic Diagram

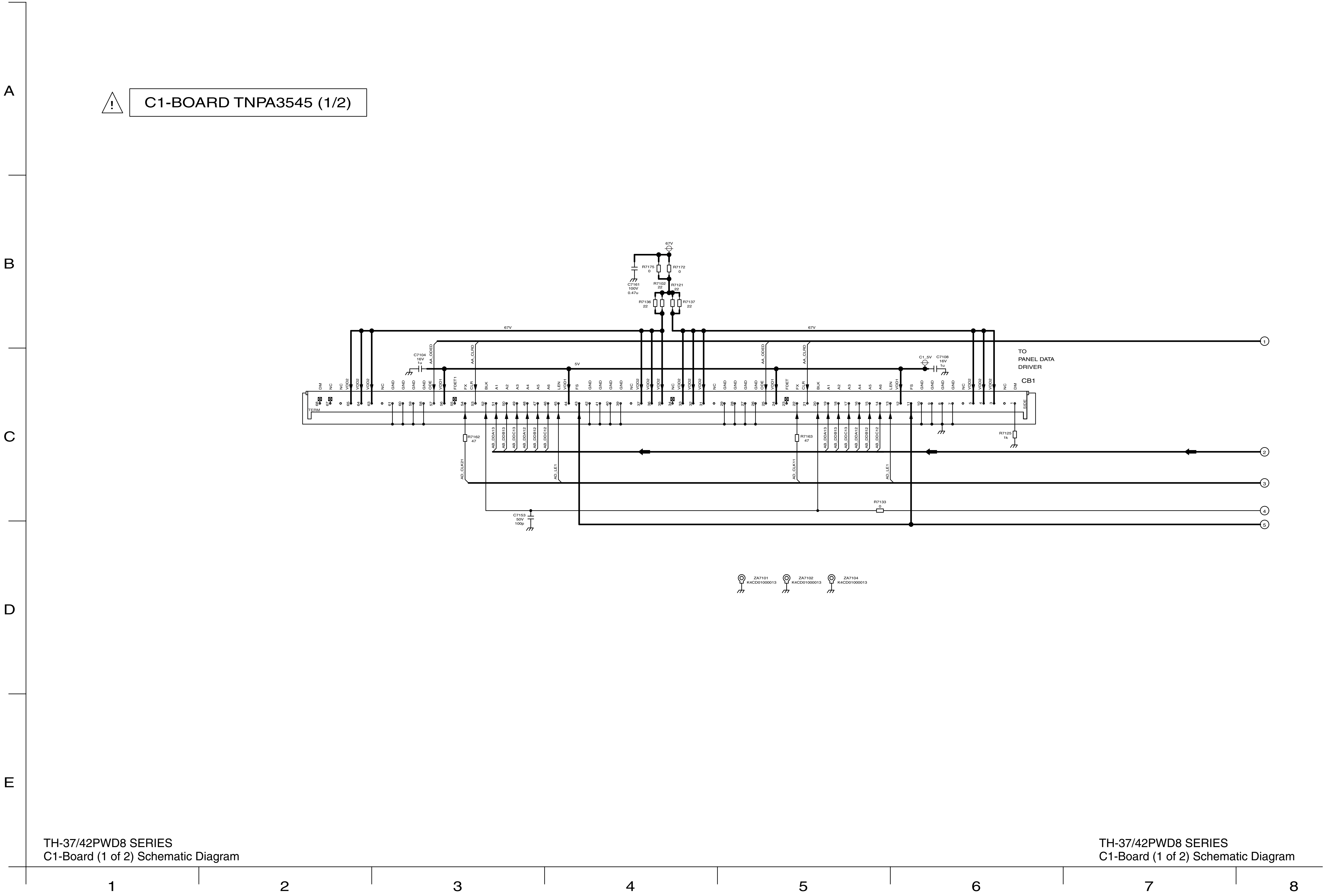
TH-37/42PWD8 SERIES
C1-Board (1 of 2) Schematic Diagram

15.42. C1-Board (2 of 2) Schematic Diagram (37 inch)

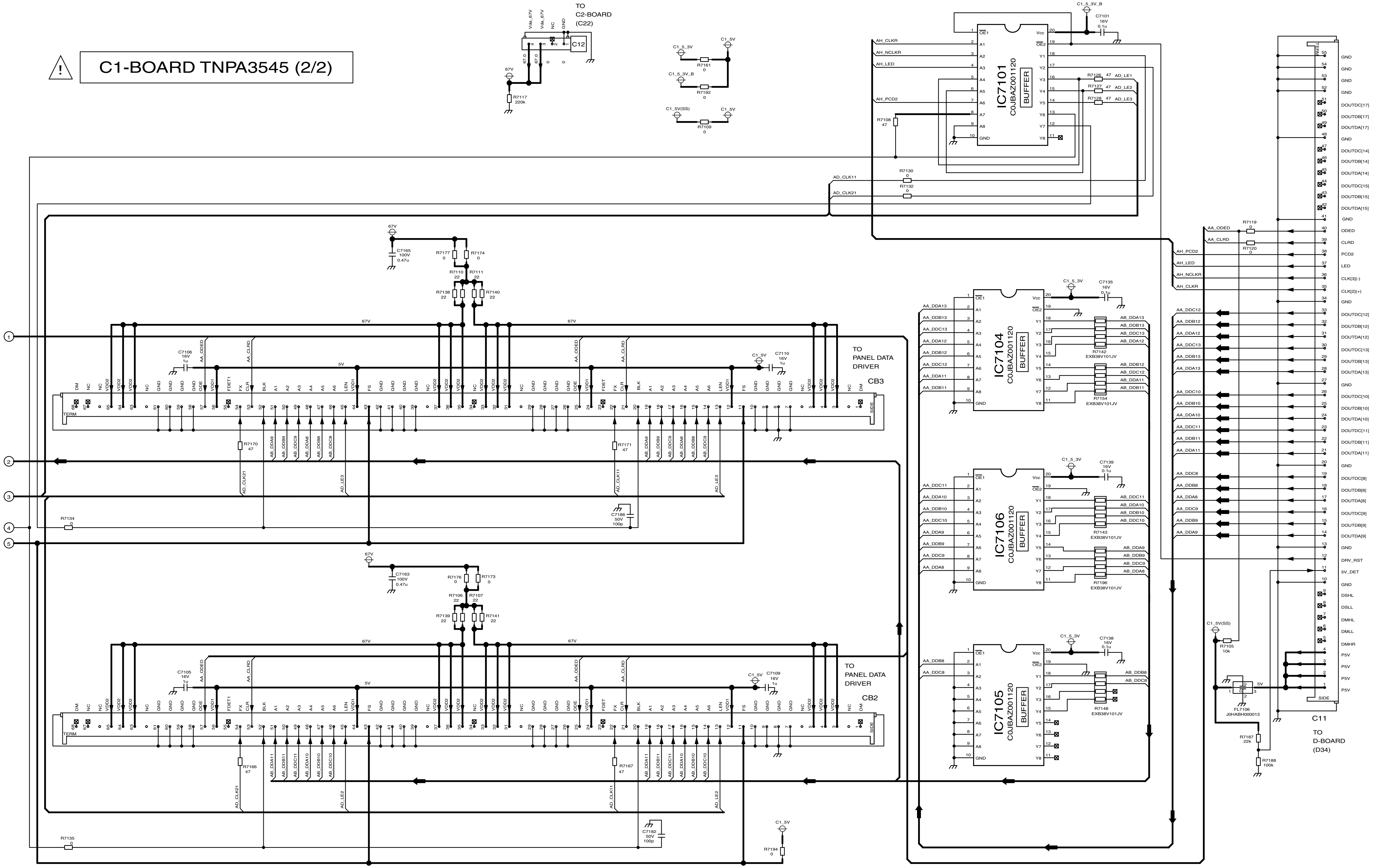

C1-BOARD TNPA3541 (2/2)
TO
C2-BOARD
(C22)
C12
IC7101
C0JBAZ001120
BUFFER
IC7104
C0JBAZ001120
BUFFER
IC7106
C0JBAZ001120
BUFFER
IC7105
C0JBAZ001120
BUFFER
TO
PANEL DATA
DRIVER
CB3
TO
PANEL DATA
DRIVER
CB2
C11
TO
D-BOARD
(D34)
1
2
3
4
5

8 9 10 11 12 13 14 15

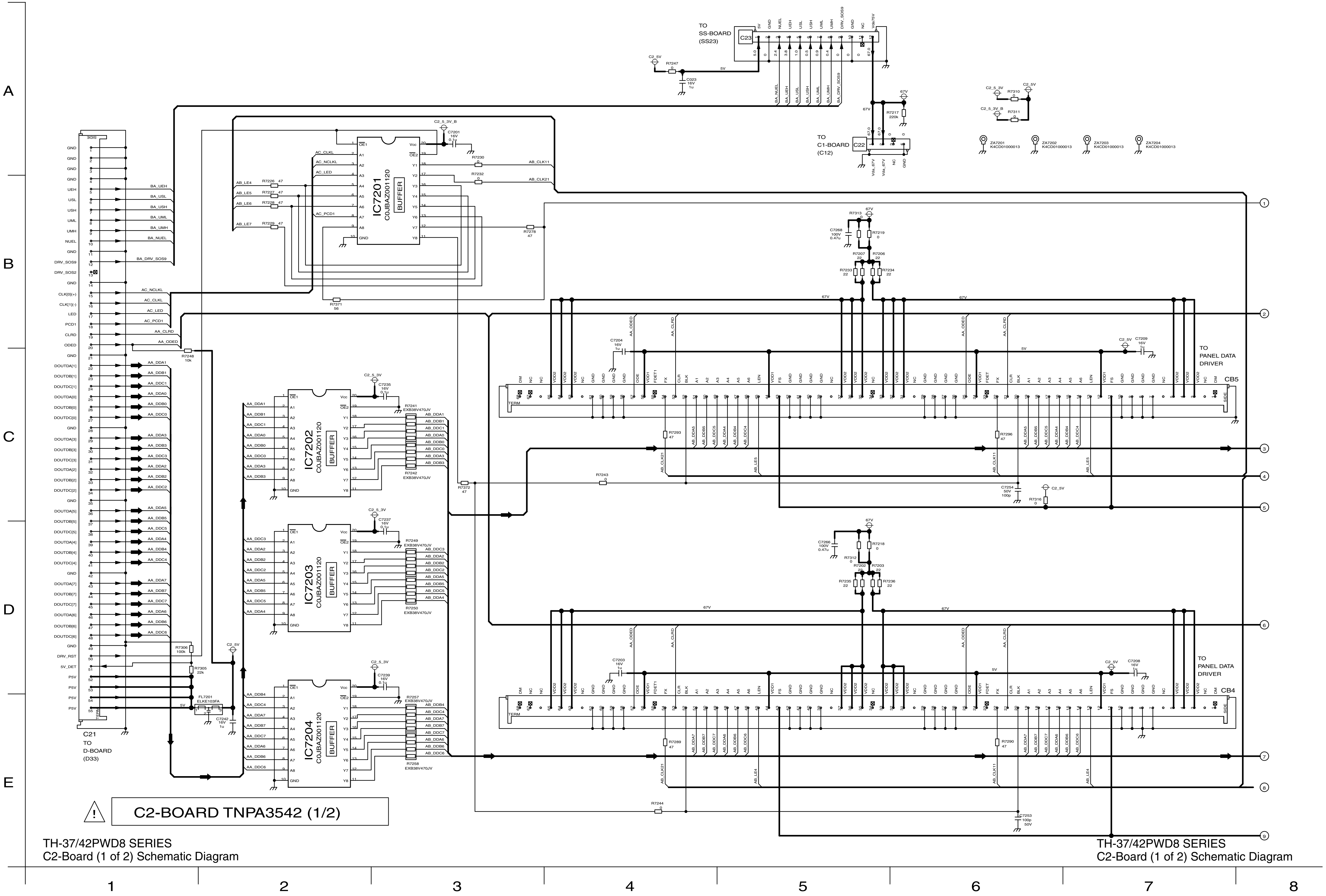
15.43. C1-Board (1 of 2) Schematic Diagram (42 inch)


A
B
C
D
E
1
2
3
4
5
6
7
8
C1-BOARD TNPA3545 (1/2)
67V
C7161
100V
0.47u
R7175
0
R7172
0
R7102
22
R7121
22
R7136
22
R7137
22
67V
67V
5V
C7104
16V
1u
AA_ODED
AA_CLRD
AA_ODED
AA_CLRD
C1_5V
C7108
16V
1u
TO
PANEL DATA
DRIVER
CB1
TERM
SIDE
DM NC NC VDD2 VDD2 VDD2 NC GND GND GND GND ODE VDD1 FDET1 FX CLR BLK A1 A2 A3 A4 A5 A6 LEN VDD1 FS GND GND GND GND NC VDD2 VDD2 VDD2 NC VDD2 VDD2 VDD2 NC GND GND GND GND ODE VDD1 FDET FX CLR BLK A1 A2 A3 A4 A5 A6 LEN VDD1 FS GND GND GND GND NC VDD2 VDD2 VDD2 NC DM
68 67 65 64 63 61 60 59 58 57 56 55 54 53 52 51 50 49 48 47 46 45 44 43 42 41 40 39 37 36 35 34 33 32 31 29 28 27 26 25 24 23 22 21 20 19 18 17 16 15 14 13 12 11 10 9 8 7 5 4 3 1
R7162
47
AB_DDA13
AB_DDB13
AB_DDC13
AB_DDA12
AB_DDB12
AB_DDC12
AD_CLK21
AD_LE1
R7163
47
AB_DDA13
AB_DDB13
AB_DDC13
AB_DDA12
AB_DDB12
AB_DDC12
AD_CLK11
AD_LE1
R7125
1k
C7153
50V
100p
R7133
0
①
②
③
④
⑤
ZA7101
K4CD01000013
ZA7102
K4CD01000013
ZA7104
K4CD01000013

15.44. C1-Board (2 of 2) Schematic Diagram (42 inch)

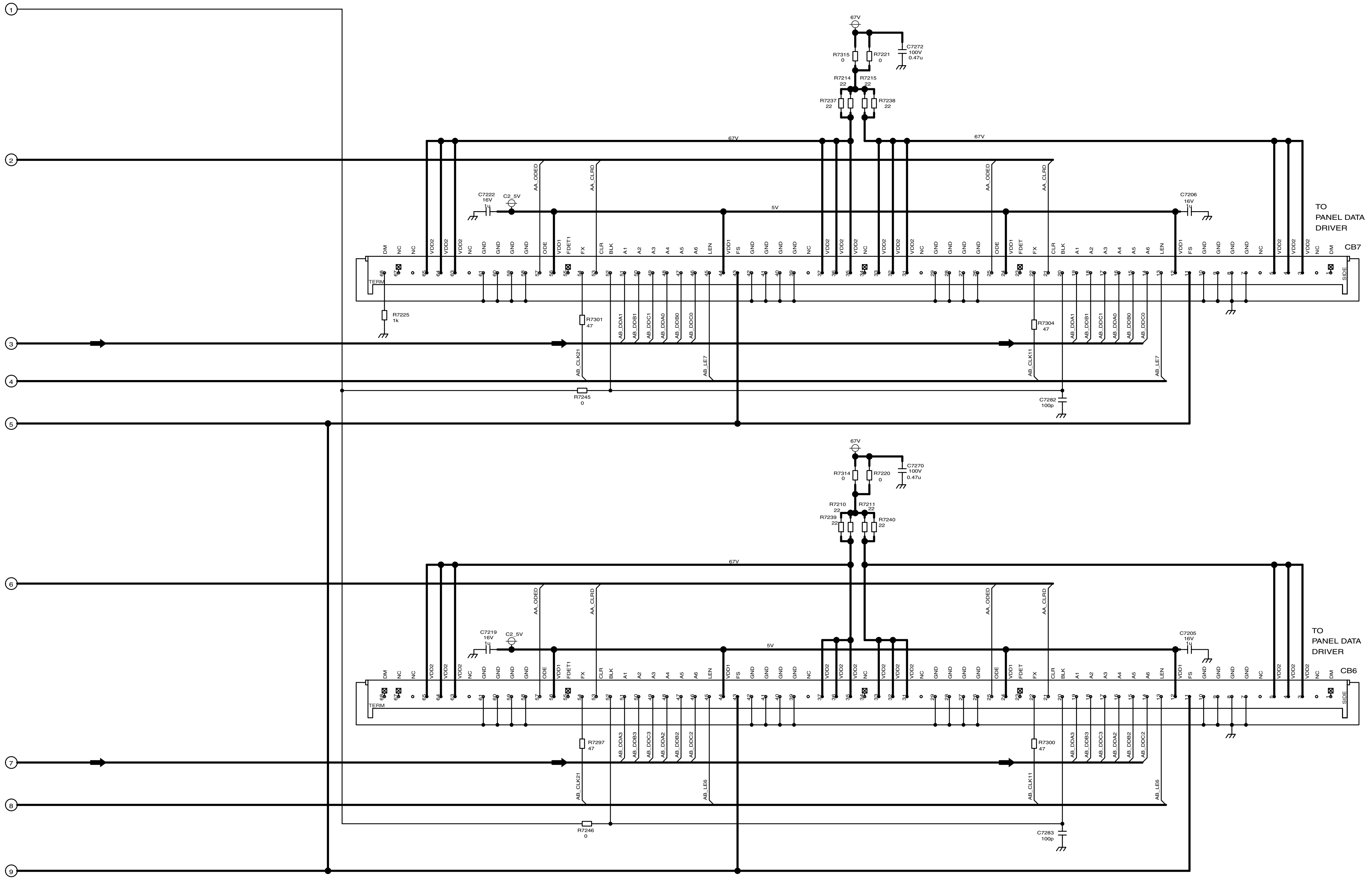

C1-BOARD TNPA3545 (2/2)
TO
C2-BOARD
(C22)
C12
67V
R7117
220k
R7161
0
R7192
0
R7109
0
C1_5_3V
C1_5_3V_B
C1_5V(SS)
C1_5V
IC7101
C0JBAZ001120
BUFFER
C7101
16V
0.1u
R7126 47 AD_LE1
R7127 47 AD_LE2
R7128 47 AD_LE3
AH_CLKR
AH_NCLKR
AH_LED
AH_PCD2
R7108
47
R7130
0
R7132
0
AD_CLK11
AD_CLK21
C7165
100V
0.47u
R7177
0
R7174
0
R7110
22
R7111
22
R7138
22
R7140
22
C7106
16V
1u
C7110
16V
1u
AA_ODED
AA_CLRD
5V
TO
PANEL DATA
DRIVER
CB3
TERM
SIDE
R7170
47
R7171
47
C7186
50V
100p
R7134
0
C7163
100V
0.47u
R7176
0
R7173
0
R7106
22
R7107
22
R7139
22
R7141
22
C7105
16V
1u
C7109
16V
1u
TO
PANEL DATA
DRIVER
CB2
R7166
47
R7167
47
C7182
50V
100p
R7135
0
R7194
0
IC7104
C0JBAZ001120
BUFFER
C7135
16V
0.1u
R7142
EXB38V101JV
R7154
EXB38V101JV
IC7106
C0JBAZ001120
BUFFER
C7139
16V
0.1u
R7143
EXB38V101JV
R7196
EXB38V101JV
IC7105
C0JBAZ001120
BUFFER
C7138
16V
0.1u
R7148
EXB38V101JV
AA_ODED
AA_CLRD
R7119
0
R7120
0
R7105
10k
FL7106
J0HABH000013
R7187
22k
R7188
100k
C11
TO
D-BOARD
(D34)
GND
DOUTDC[17]
DOUTDB[17]
DOUTDA[17]
ODED
CLRD
PCD2
LED
CLK[3](-)
CLK[2](+)
DRV_RST
5V_DET
DSHL
DSLL
DMHL
DMLL
DMHR
P5V
1
2
3
4
5

15.45. C2-Board (1 of 2) Schematic Diagram (37 inch)


A
B
C
D
E
1
2
3
4
5
6
7
8
TO
SS-BOARD
(SS23)
C23
TO
C1-BOARD
(C12)
C22
IC7201
C0JBAZ001120
BUFFER
IC7202
C0JBAZ001120
BUFFER
IC7203
C0JBAZ001120
BUFFER
IC7204
C0JBAZ001120
BUFFER
C21
TO
D-BOARD
(D33)
TO
PANEL DATA
DRIVER
CB5
TO
PANEL DATA
DRIVER
CB4
ZA7201
K4CD01000013
ZA7202
K4CD01000013
ZA7203
K4CD01000013
ZA7204
K4CD01000013
C2-BOARD TNPA3542 (1/2)
TH-37/42PWD8 SERIES
C2-Board (1 of 2) Schematic Diagram
TH-37/42PWD8 SERIES
C2-Board (1 of 2) Schematic Diagram

15.46. C2-Board (2 of 2) Schematic Diagram (37 inch)

⚠ C2-BOARD TNPA3542 (2/2)

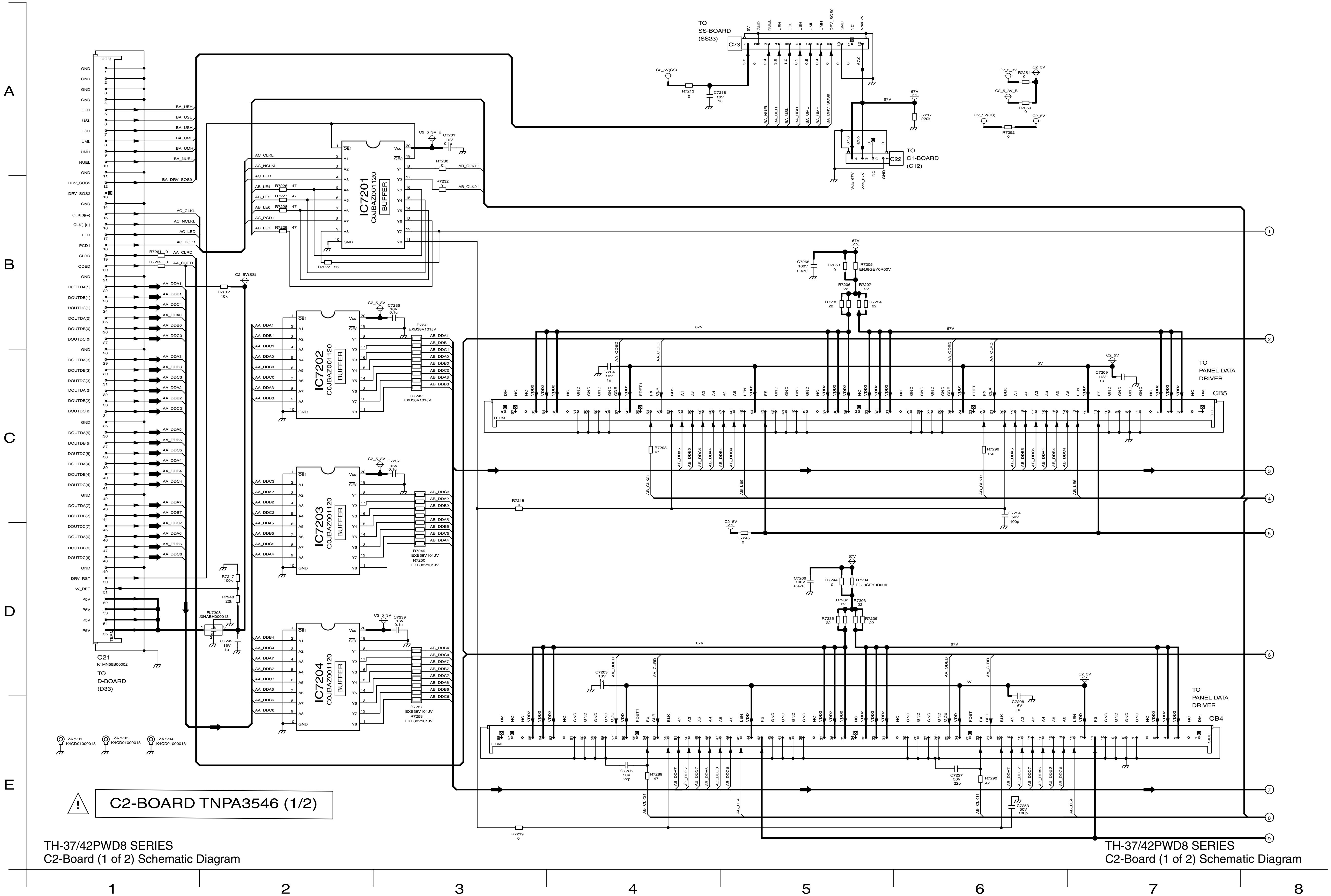

①
②
③
④
⑤
⑥
⑦
⑧
⑨
67V
R7315
0
R7221
0
C7272
100V
0.47u
R7214
22
R7215
22
R7237
22
R7238
22
67V
5V
C7222
16V
1u
C2_5V
AA_ODED
AA_CLRD
C7206
16V
1u
TO
PANEL DATA
DRIVER
CB7
DM
NC
VDD2
GND
ODE
VDD1
FDET1
FDET
FX
CLR
BLK
A1
A2
A3
A4
A5
A6
LEN
FS
TERM
SIDE
R7225
1k
R7301
47
R7304
47
AB_DDA1
AB_DDB1
AB_DDC1
AB_DDA0
AB_DDB0
AB_DDC0
AB_CLK21
AB_CLK11
AB_LE7
R7245
0
C7282
100p
R7314
0
R7220
0
C7270
100V
0.47u
R7210
22
R7211
22
R7239
22
R7240
22
C7219
16V
1u
C7205
16V
1u
CB6
R7297
47
R7300
47
AB_DDA3
AB_DDB3
AB_DDC3
AB_DDA2
AB_DDB2
AB_DDC2
AB_LE6
R7246
0
C7283
100p

TH-37/42PWD8 SERIES C2-Board (2 of 2) Schematic Diagram

TH-37/42PWD8 SERIES
C2-Board (2 of 2) Schematic Diagram

8 9 10 11 12 13 14 15

15.47. C2-Board (1 of 2) Schematic Diagram (42 inch)

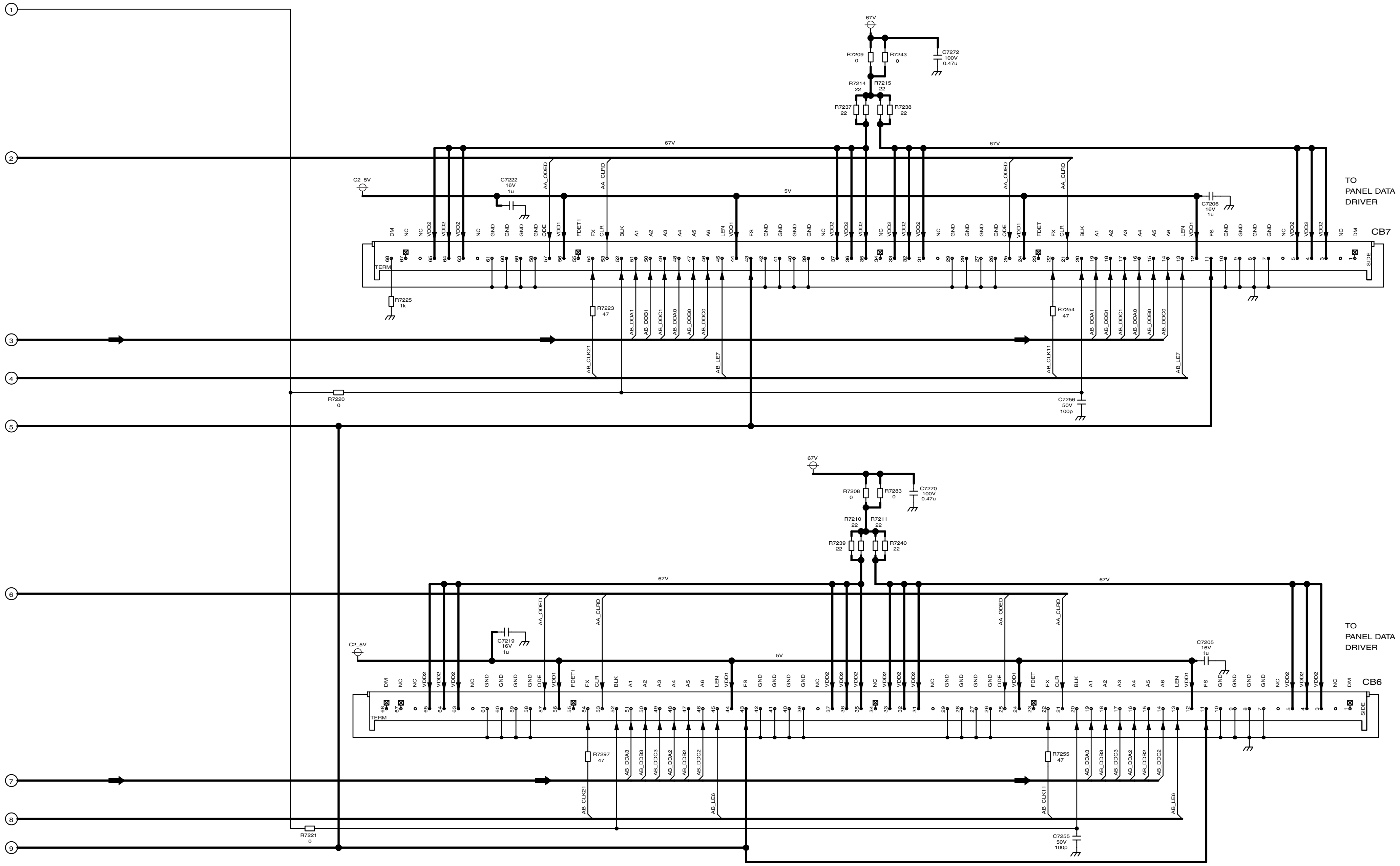

A
B
C
D
E
1
2
3
4
5
6
7
8
C21
K1MN55B00002
TO
D-BOARD
(D33)
IC7201
C0JBAZ001120
BUFFER
IC7202
C0JBAZ001120
BUFFER
IC7203
C0JBAZ001120
BUFFER
IC7204
C0JBAZ001120
BUFFER
C23
TO
SS-BOARD
(SS23)
C22
TO
C1-BOARD
(C12)
CB5
TO
PANEL DATA
DRIVER
CB4
TO
PANEL DATA
DRIVER
67V
5V
C2_5V
C2_5V(SS)
C2_5_3V
C2_5_3V_B
FL7208
J0HABH000013
ZA7201
K4CD01000013
ZA7203
K4CD01000013
ZA7204
K4CD01000013
C2-BOARD TNPA3546 (1/2)

TH-37/42PWD8 SERIES
C2-Board (1 of 2) Schematic Diagram

TH-37/42PWD8 SERIES
C2-Board (1 of 2) Schematic Diagram

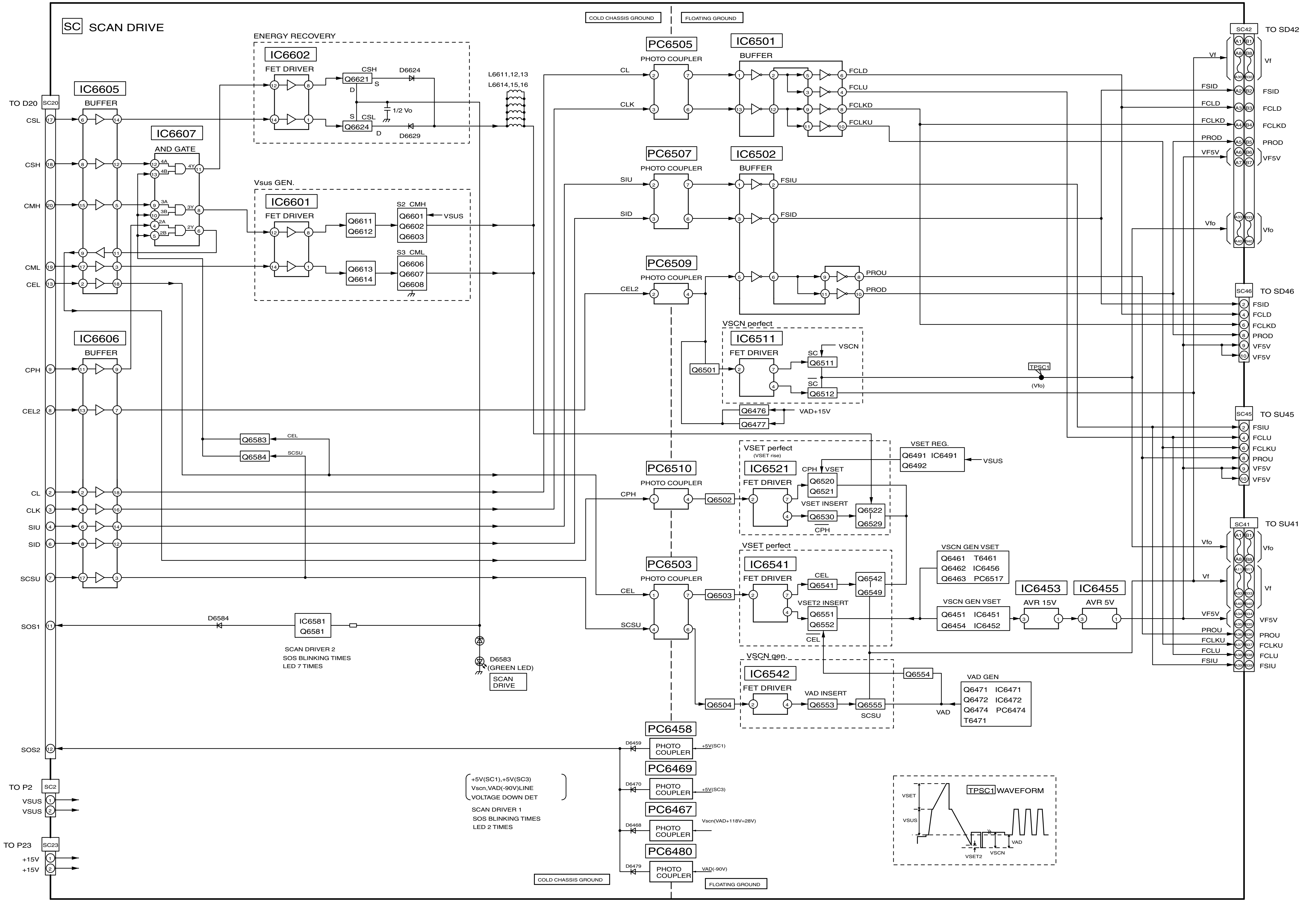
15.48. C2-Board (2 of 2) Schematic Diagram (42 inch)

⚠ C2-BOARD TNPA3546 (2/2)



1
2
3
4
5
6
7
8
9
67V
R7209 0
R7243 0
C7272 100V 0.47u
R7214 22
R7215 22
R7237 22
R7238 22
C2_5V
C7222 16V 1u
AA_OOED
AA_CLRD
5V
C7206 16V 1u
TO PANEL DATA DRIVER
CB7
TERM
R7225 1k
R7223 47
R7254 47
AB_CLK21
AB_LE7
AB_CLK11
R7220 0
C7256 50V 100p
R7208 0
R7283 0
C7270 100V 0.47u
R7210 22
R7211 22
R7239 22
R7240 22
C7219 16V 1u
C7205 16V 1u
CB6
R7297 47
R7255 47
AB_LE6
R7221 0
C7255 50V 100p

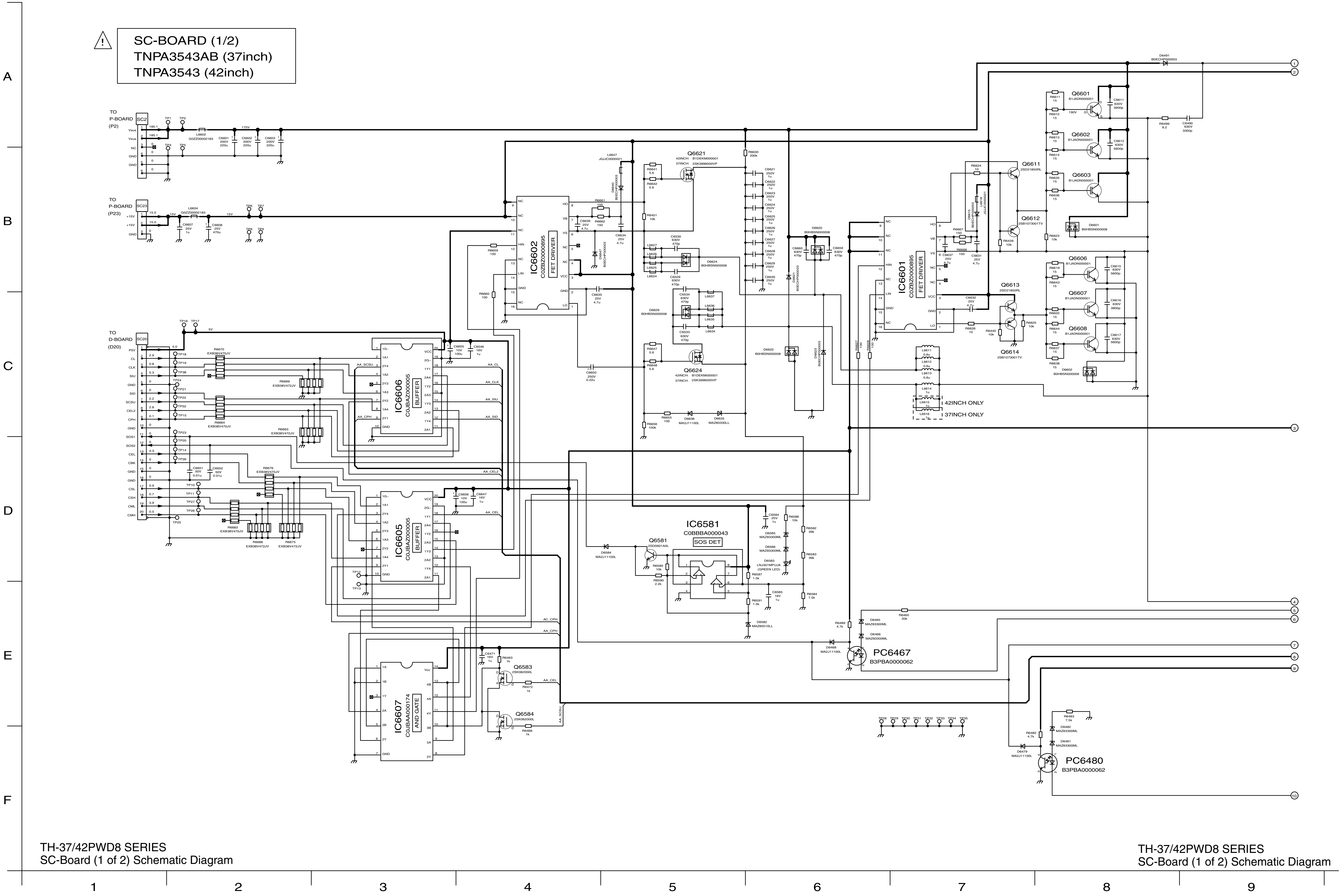
15.49. SC-Board Block Diagram


SC SCAN DRIVE
COLD CHASSIS GROUND
FLOATING GROUND
ENERGY RECOVERY
IC6602
FET DRIVER
CSH
D6624
Q6621
Q6624
CSL
1/2 Vo
D6629
L6611,12,13
L6614,15,16
IC6605
BUFFER
IC6607
AND GATE
Vsus GEN.
IC6601
FET DRIVER
Q6611
Q6612
Q6613
Q6614
S2 CMH
Q6601
Q6602
Q6603
VSUS
S3 CML
Q6606
Q6607
Q6608
IC6606
BUFFER
TO D20
SC20
CSL
CSH
CMH
CML
CEL
CPH
CEL2
CL
CLK
SIU
SID
SCSU
SOS1
SOS2
Q6583
CEL
Q6584
SCSU
D6584
IC6581
Q6581
SCAN DRIVER 2
SOS BLINKING TIMES
LED 7 TIMES
D6583
(GREEN LED)
SCAN DRIVE
TO P2
SC2
VSUS
VSUS
TO P23
SC23
+15V
+15V
+5V(SC1),+5V(SC3)
Vscn,VAD(-90V)LINE
VOLTAGE DOWN DET
SCAN DRIVER 1
SOS BLINKING TIMES
LED 2 TIMES
PC6505
PHOTO COUPLER
PC6507
PHOTO COUPLER
PC6509
PHOTO COUPLER
PC6510
PHOTO COUPLER
PC6503
PHOTO COUPLER
PC6458
PHOTO COUPLER
D6459
+5V(SC1)
PC6469
PHOTO COUPLER
D6470
+5V(SC3)
PC6467
PHOTO COUPLER
D6468
Vscn(VAD+118V=28V)
PC6480
PHOTO COUPLER
D6479
VAD(-90V)
IC6501
BUFFER
FCLD
FCLU
FCLKD
FCLKU
IC6502
BUFFER
FSIU
FSID
PROU
PROD
VSCN perfect
IC6511
FET DRIVER
Q6501
SC
VSCN
Q6511
Q6512
TPSC1
(Vfo)
Q6476
VAD+15V
Q6477
VSET perfect
(VSET rise)
IC6521
FET DRIVER
CPH VSET
Q6520
Q6521
Q6502
VSET INSERT
Q6530
Q6522
Q6529
CPH
VSET REG.
Q6491 IC6491
Q6492
VSUS
VSET perfect
IC6541
FET DRIVER
Q6503
CEL
Q6541
Q6542
Q6549
VSET2 INSERT
Q6551
Q6552
CEL
VSCN gen.
IC6542
FET DRIVER
Q6504
VAD INSERT
Q6553
Q6555
SCSU
Q6554
VAD GEN
Q6471 IC6471
Q6472 IC6472
Q6474 PC6474
T6471
VAD
VSCN GEN VSET
Q6461 T6461
Q6462 IC6456
Q6463 PC6517
VSCN GEN VSET
Q6451 IC6451
Q6454 IC6452
IC6453
AVR 15V
IC6455
AVR 5V
SC42
TO SD42
Vf
FSID
FCLD
FCLKD
PROD
VF5V
Vfo
SC46
TO SD46
FSID
FCLD
FCLKD
PROD
VF5V
VF5V
SC45
TO SU45
FSIU
FCLU
FCLKU
PROU
VF5V
VF5V
SC41
TO SU41
Vfo
Vf
VF5V
PROU
FCLKU
FCLU
FSIU
TPSC1 WAVEFORM
VSET
VSUS
VSET2
VSCN
VAD

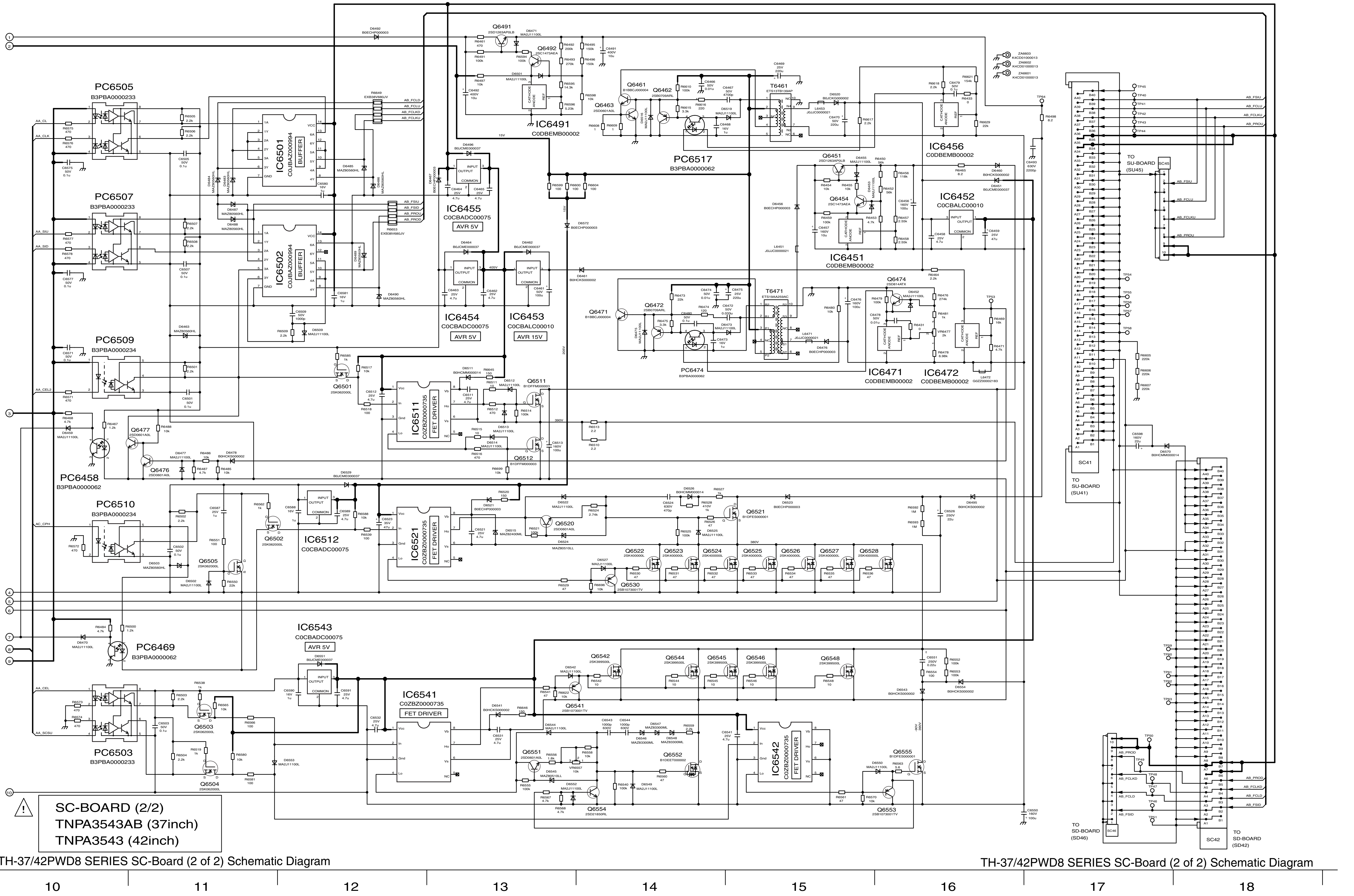
TH-37/42PWD8 SERIES
SC-Board Block Diagram

TH-37/42PWD8 SERIES
SC-Board Block Diagram

15.50. SC-Board (1 of 2) Schematic Diagram


SC-BOARD (1/2)
TNPA3543AB (37inch)
TNPA3543 (42inch)
TO P-BOARD (P2)
SC2
TO P-BOARD (P23)
SC23
TO D-BOARD (D20)
SC20
IC6602
C0ZBZ0000895
FET DRIVER
IC6601
C0ZBZ0000895
FET DRIVER
IC6606
C0JBAZ000005
BUFFER
IC6605
C0JBAZ000005
BUFFER
IC6607
C0JBAA000174
AND GATE
IC6581
C0BBBA000043
SOS DET
Q6621
Q6624
Q6581
Q6583
Q6584
Q6601
Q6602
Q6603
Q6606
Q6607
Q6608
Q6611
Q6612
Q6613
Q6614
PC6467
B3PBA0000062
PC6480
B3PBA0000062
42INCH ONLY
37INCH ONLY
A
B
C
D
E
F
1
2
3
4
5
6
7
8
9
TH-37/42PWD8 SERIES
SC-Board (1 of 2) Schematic Diagram
TH-37/42PWD8 SERIES
SC-Board (1 of 2) Schematic Diagram

15.51. SC-Board (2 of 2) Schematic Diagram

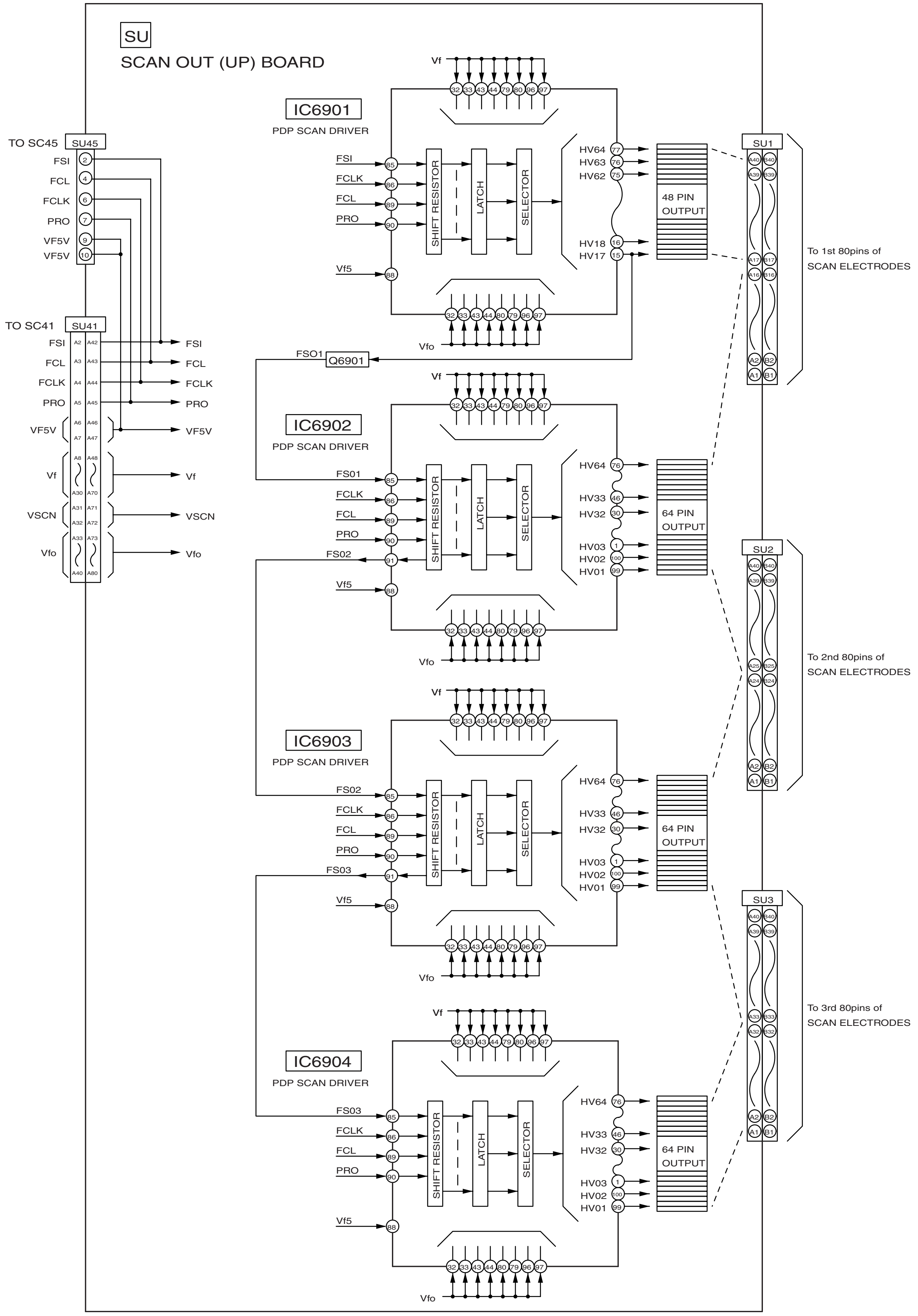

PC6505
B3PBA0000233
PC6507
B3PBA0000233
PC6509
B3PBA0000234
PC6458
B3PBA0000062
PC6510
B3PBA0000234
PC6469
B3PBA0000062
PC6503
B3PBA0000233
IC6501
C0JBAZ000994
BUFFER
IC6502
C0JBAZ000994
BUFFER
IC6491
C0DBEMB00002
IC6455
C0CBADC00075
AVR 5V
IC6454
C0CBADC00075
AVR 5V
IC6453
C0CBALC00010
AVR 15V
PC6517
B3PBA0000062
IC6456
C0DBEMB00002
IC6452
C0CBALC00010
IC6451
C0DBEMB00002
IC6471
C0DBEMB00002
IC6472
C0DBEMB00002
PC6474
B3PBA0000062
T6461
T6471
IC6511
C0ZBZ0000735
FET DRIVER
IC6512
C0CBADC00075
IC6521
C0ZBZ0000735
FET DRIVER
IC6543
C0CBADC00075
AVR 5V
IC6541
C0ZBZ0000735
FET DRIVER
IC6542
C0ZBZ0000735
FET DRIVER
Q6491
Q6492
Q6461
Q6462
Q6463
Q6451
Q6454
Q6474
Q6471
Q6472
Q6477
Q6476
Q6501
Q6511
Q6512
Q6502
Q6505
Q6520
Q6521
Q6522
Q6523
Q6524
Q6525
Q6526
Q6527
Q6528
Q6530
Q6503
Q6504
Q6542
Q6544
Q6545
Q6546
Q6548
Q6541
Q6551
Q6552
Q6554
Q6555
Q6553
AA_CL
AA_CLK
AA_SIU
AA_SID
AA_CEL2
AC_CPH
AA_CEL
AA_SCSU
AB_FCLD
AB_FCLU
AB_FCLKD
AB_FCLKU
AB_FSIU
AB_FSID
AB_PROU
AB_PROD
AB_FCLD
AB_FCLKU
TO SU-BOARD (SU45)
SC45
TO SU-BOARD (SU41)
SC41
TO SD-BOARD (SD46)
SC46
TO SD-BOARD (SD42)
SC42
1
2
3
4
5
6
7
8
9
10
10
11
12
13
14
15
16
17
18

SC-BOARD (2/2)
TNPA3543AB (37inch)
TNPA3543 (42inch)

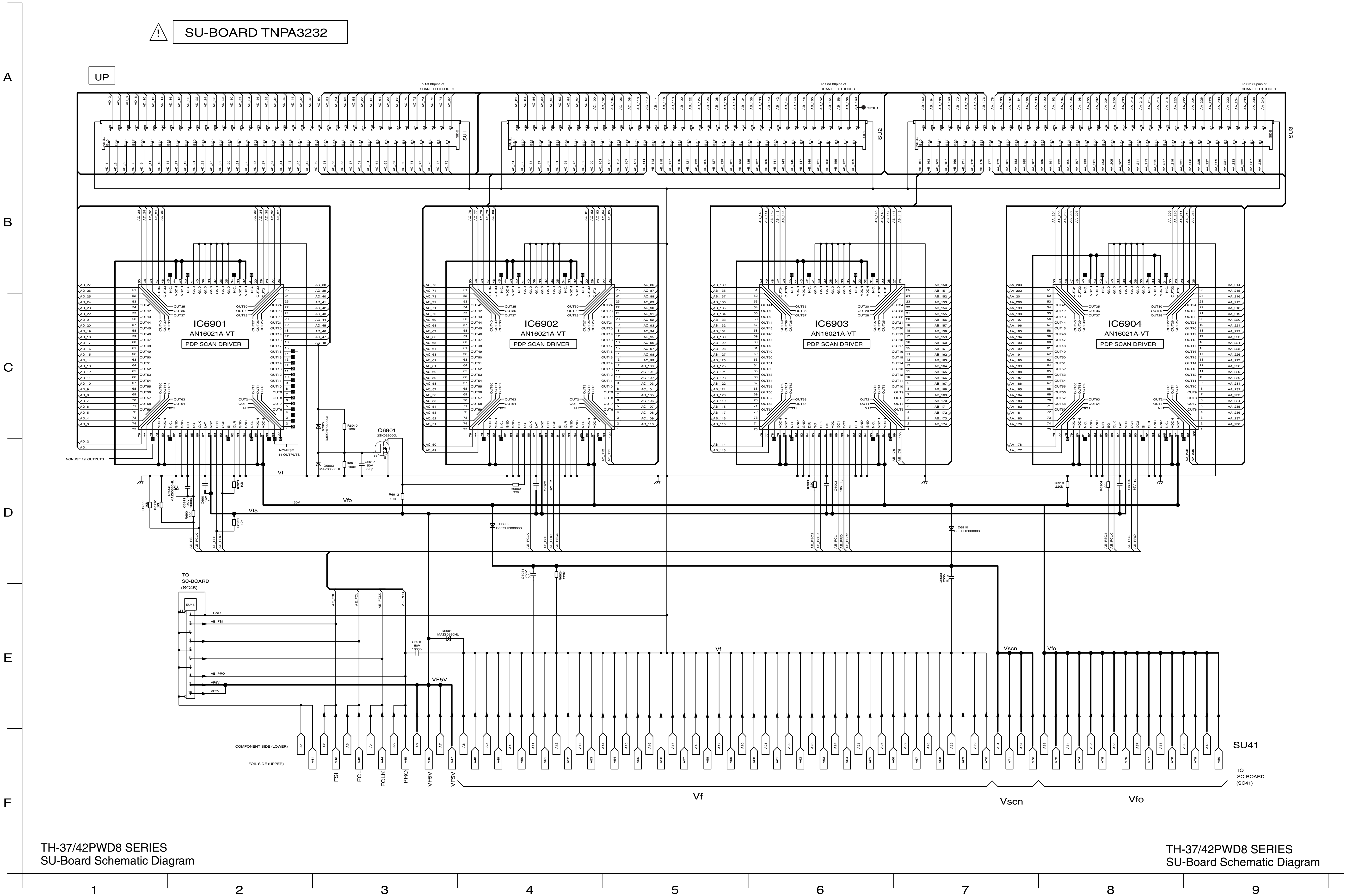
TH-37/42PWD8 SERIES SC-Board (2 of 2) Schematic Diagram

TH-37/42PWD8 SERIES SC-Board (2 of 2) Schematic Diagram

15.52. SU-Board Block Diagram


SU
SCAN OUT (UP) BOARD
TO SC45
SU45
FSI
FCL
FCLK
PRO
VF5V
VF5V
TO SC41
SU41
FSI
FCL
FCLK
PRO
VF5V
Vf
VSCN
Vfo
FSI
FCL
FCLK
PRO
VF5V
Vf
VSCN
Vfo
IC6901
PDP SCAN DRIVER
FSI
FCLK
FCL
PRO
Vf5
SHIFT RESISTOR
LATCH
SELECTOR
HV64
HV63
HV62
HV18
HV17
48 PIN OUTPUT
Vf
Vfo
FSO1
Q6901
IC6902
PDP SCAN DRIVER
FS01
FCLK
FCL
PRO
FS02
Vf5
HV64
HV33
HV32
HV03
HV02
HV01
64 PIN OUTPUT
IC6903
PDP SCAN DRIVER
FS02
FCLK
FCL
PRO
FS03
Vf5
HV64
HV33
HV32
HV03
HV02
HV01
64 PIN OUTPUT
IC6904
PDP SCAN DRIVER
FS03
FCLK
FCL
PRO
Vf5
HV64
HV33
HV32
HV03
HV02
HV01
64 PIN OUTPUT
SU1
SU2
SU3
To 1st 80pins of SCAN ELECTRODES
To 2nd 80pins of SCAN ELECTRODES
To 3rd 80pins of SCAN ELECTRODES

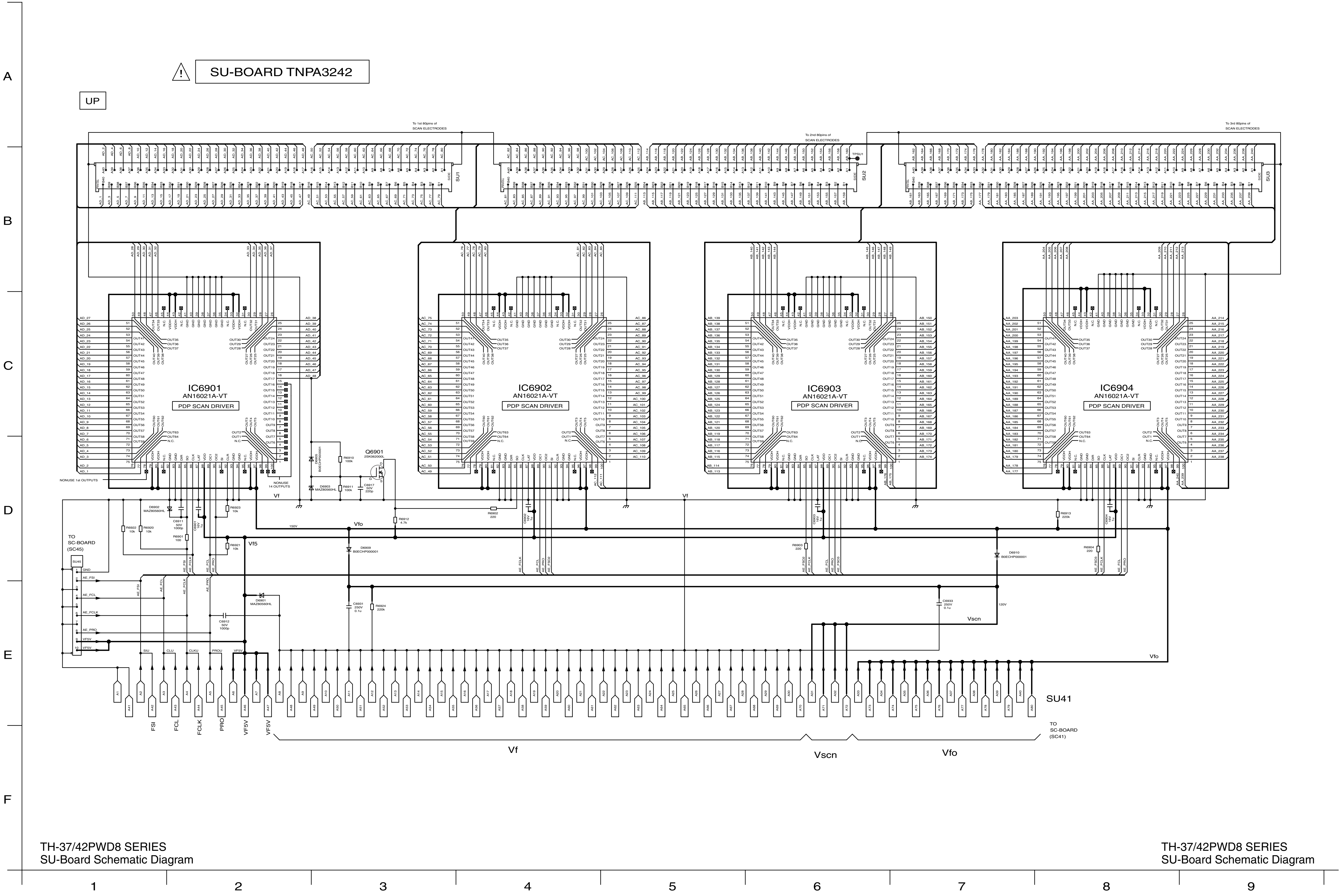
15.53. SU-Board Schematic Diagram (37 inch)


SU-BOARD TNPA3232
UP
A
B
C
D
E
F
1
2
3
4
5
6
7
8
9
To 1st 80pins of SCAN ELECTRODES
To 2nd 80pins of SCAN ELECTRODES
To 3rd 80pins of SCAN ELECTRODES
SU1
SU2
SU3
TPSU1
IC6901
AN16021A-VT
PDP SCAN DRIVER
IC6902
AN16021A-VT
PDP SCAN DRIVER
IC6903
AN16021A-VT
PDP SCAN DRIVER
IC6904
AN16021A-VT
PDP SCAN DRIVER
NONUSE 1st OUTPUTS
NONUSE 14 OUTPUTS
Q6901
R6910 100k
R6911 100k
C6917 50V 220p
D6903 MAZ80560HL
R6912 4.7k
R6902 220
R6913 220k
D6909 B0ECHP000003
D6910 B0ECHP000003
D6901 MAZ80560HL
C6912 50V 1000p
Vf
Vf5
Vfo
130V
VF5V
Vscn
TO SC-BOARD (SC45)
SU45
GND
AE_FSI
AE_PRO
VF5V
COMPONENT SIDE (LOWER)
FOIL SIDE (UPPER)
FSI
FCL
FCLK
PRO
VF5V
VF5V
SU41
TO SC-BOARD (SC41)
Vf
Vscn
Vfo

TH-37/42PWD8 SERIES
SU-Board Schematic Diagram

TH-37/42PWD8 SERIES
SU-Board Schematic Diagram

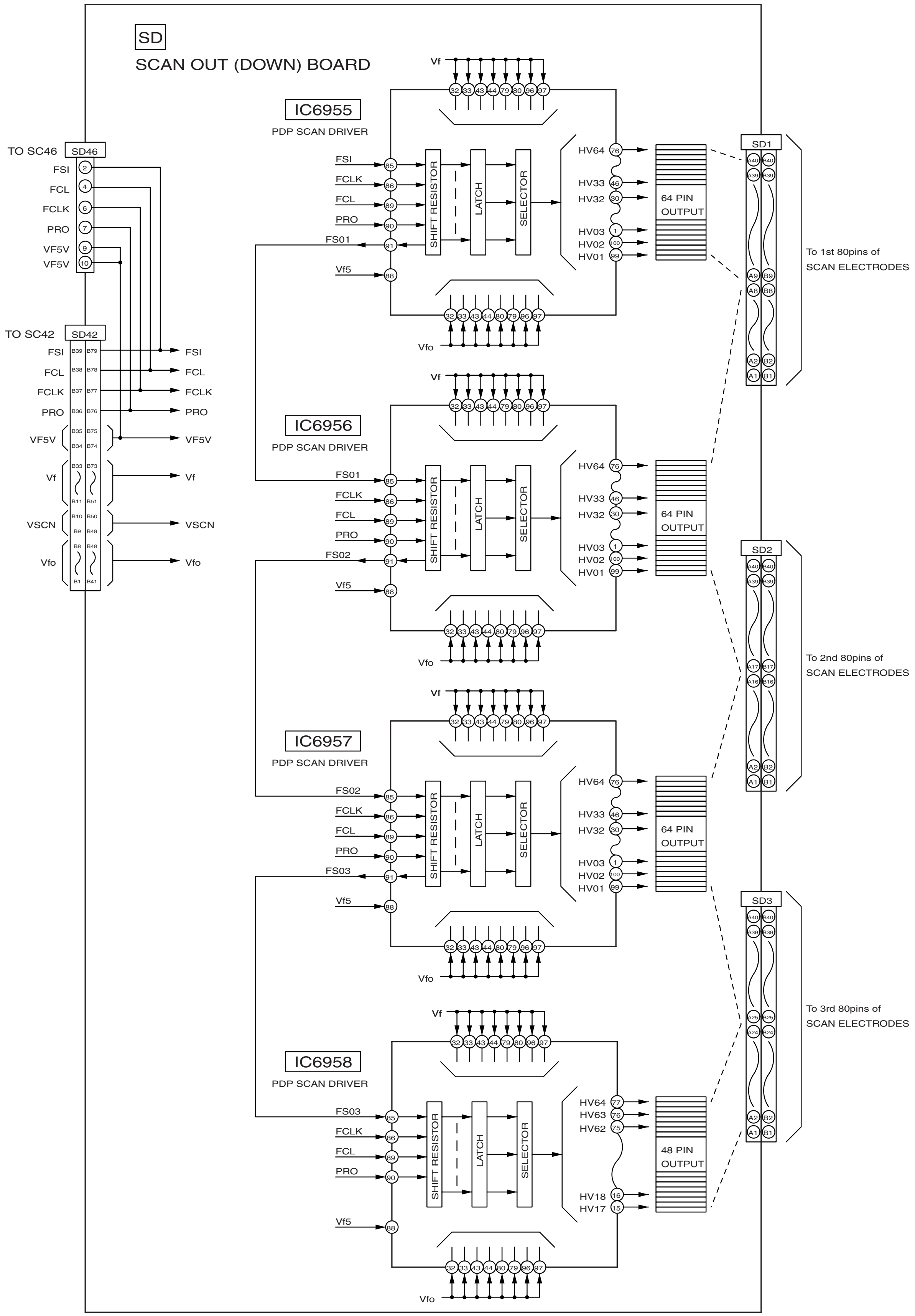
15.54. SU-Board Schematic Diagram (42 inch)


A
B
C
D
E
F
1
2
3
4
5
6
7
8
9
SU-BOARD TNPA3242
UP
To 1st 80pins of SCAN ELECTRODES
To 2nd 80pins of SCAN ELECTRODES
To 3rd 80pins of SCAN ELECTRODES
SU1
SU2
SU3
TPSU1
IC6901
AN16021A-VT
PDP SCAN DRIVER
IC6902
AN16021A-VT
PDP SCAN DRIVER
IC6903
AN16021A-VT
PDP SCAN DRIVER
IC6904
AN16021A-VT
PDP SCAN DRIVER
NONUSE 1st OUTPUTS
NONUSE 14 OUTPUTS
Q6901
2SK0620000L
D6902 MAZ80560HL
D6903 MAZ80560HL
D6901 MAZ80560HL
D6909 B0ECHP000001
D6910 B0ECHP000001
R6910 100k
R6911 100k
R6912 4.7k
R6902 220
R6903 220
R6904 220
R6913 220k
R6924 220k
R6920 10k
R6921 10k
R6922 10k
R6923 10k
R6901 100
C6911 50V 1000p
C6912 50V 1000p
C6917 50V 220p
C6931 250V 0.1u
C6933 250V 0.1u
150V
120V
Vf
Vfo
Vf5
Vscn
TO SC-BOARD (SC45)
SU45
GND
AE_FSI
AE_FCL
AE_FCLK
AE_PRO
VF5V
SIU
CLU
CLKU
PROU
VF5U
FSI
FCL
FCLK
PRO
VF5V
VF5V
SU41
TO SC-BOARD (SC41)
Vf
Vscn
Vfo

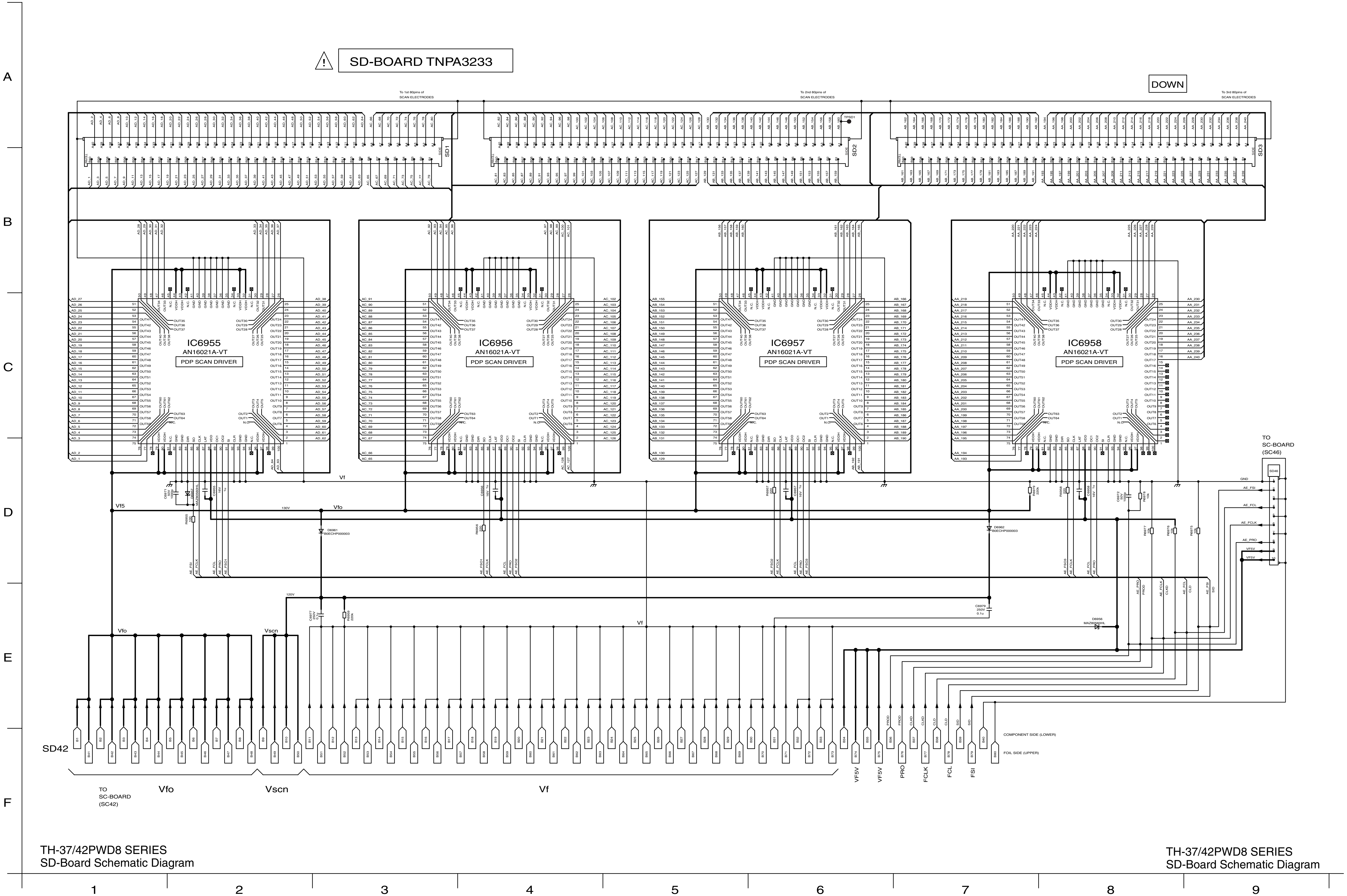
TH-37/42PWD8 SERIES
SU-Board Schematic Diagram

TH-37/42PWD8 SERIES
SU-Board Schematic Diagram

15.55. SD-Board Block Diagram


SD
SCAN OUT (DOWN) BOARD
IC6955
PDP SCAN DRIVER
IC6956
PDP SCAN DRIVER
IC6957
PDP SCAN DRIVER
IC6958
PDP SCAN DRIVER
TO SC46
SD46
TO SC42
SD42
FSI
FCL
FCLK
PRO
VF5V
Vf
VSCN
Vfo
FS01
FS02
FS03
Vf5
SHIFT RESISTOR
LATCH
SELECTOR
HV64
HV63
HV62
HV33
HV32
HV18
HV17
HV03
HV02
HV01
64 PIN OUTPUT
48 PIN OUTPUT
SD1
SD2
SD3
To 1st 80pins of SCAN ELECTRODES
To 2nd 80pins of SCAN ELECTRODES
To 3rd 80pins of SCAN ELECTRODES

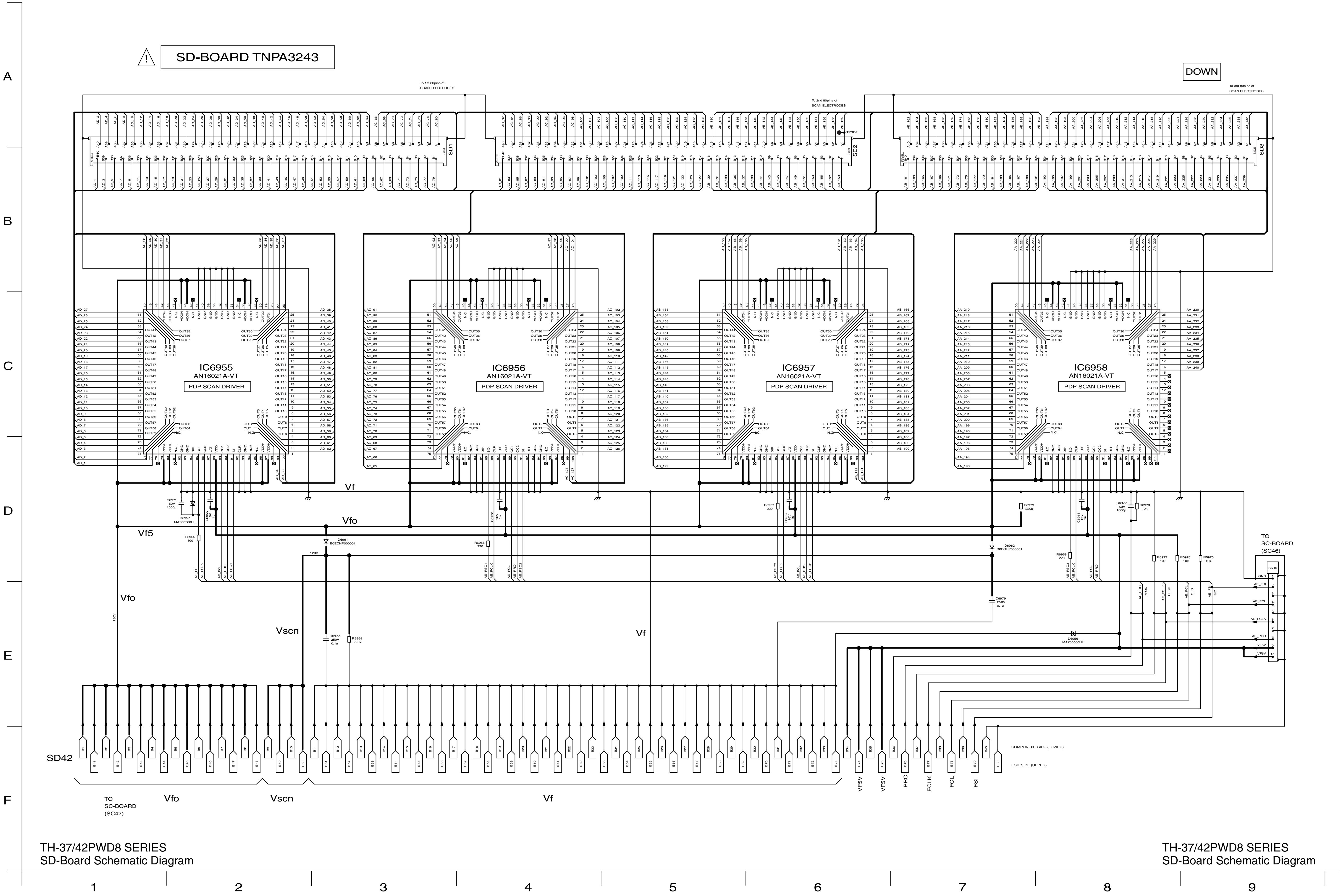
15.56. SD-Board Schematic Diagram (37 inch)


SD-BOARD TNPA3233
DOWN
To 1st 80pins of SCAN ELECTRODES
To 2nd 80pins of SCAN ELECTRODES
To 3rd 80pins of SCAN ELECTRODES
SD1
SD2
SD3
TPSD1
IC6955
AN16021A-VT
PDP SCAN DRIVER
IC6956
AN16021A-VT
PDP SCAN DRIVER
IC6957
AN16021A-VT
PDP SCAN DRIVER
IC6958
AN16021A-VT
PDP SCAN DRIVER
Vf
Vf5
Vfo
130V
120V
Vscn
D6961 B0ECHP000003
D6962 B0ECHP000003
D6956 MAZ80620HL
C6979 250V 0.1u
TO SC-BOARD (SC46)
SD46
GND
AE_FSI
AE_FCL
AE_FCLK
AE_PRO
VF5V
SD42
COMPONENT SIDE (LOWER)
FOIL SIDE (UPPER)
TO SC-BOARD (SC42)
Vfo
Vscn
Vf
VF5V
VF5V
PRO
FCLK
FCL
FSI
A
B
C
D
E
F
1
2
3
4
5
6
7
8
9

TH-37/42PWD8 SERIES
SD-Board Schematic Diagram

TH-37/42PWD8 SERIES
SD-Board Schematic Diagram

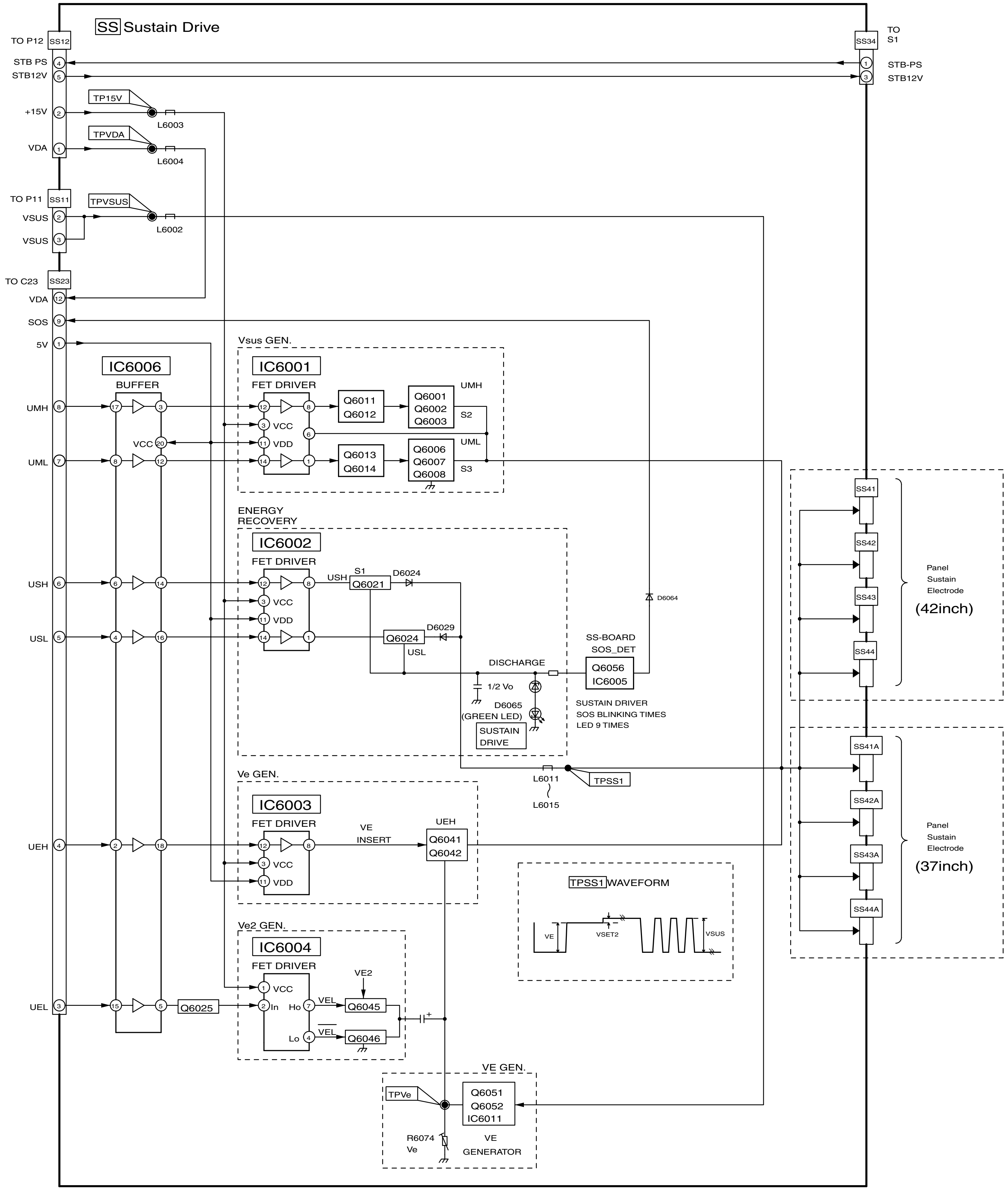
15.57. SD-Board Schematic Diagram (42 inch)


A
B
C
D
E
F
1
2
3
4
5
6
7
8
9
⚠ SD-BOARD TNPA3243
DOWN
To 1st 80pins of SCAN ELECTRODES
To 2nd 80pins of SCAN ELECTRODES
To 3rd 80pins of SCAN ELECTRODES
SD1
SD2
SD3
TPSD1
IC6955
AN16021A-VT
PDP SCAN DRIVER
IC6956
AN16021A-VT
PDP SCAN DRIVER
IC6957
AN16021A-VT
PDP SCAN DRIVER
IC6958
AN16021A-VT
PDP SCAN DRIVER
Vf
Vfo
Vf5
Vscn
120V
C6971 50V 1000p
D6957 MAZ80560HL
R6955 100
D6961 B0ECHP000001
R6956 220
R6957 220
R6979 220k
C6972 50V 1000p
R6978 10k
D6962 B0ECHP000001
R6958 220
R6977 10k
R6976 10k
R6975 10k
C6979 250V 0.1u
C6977 250V 0.1u
R6959 220k
D6956 MAZ80560HL
TO SC-BOARD (SC46)
SD46
GND
AE_FSI
AE_FCL
AE_FCLK
AE_PRO
VF5V
SD42
COMPONENT SIDE (LOWER)
FOIL SIDE (UPPER)
TO SC-BOARD (SC42)
Vfo
Vscn
Vf
VF5V
VF5V
PRO
FCLK
FCL
FSI

TH-37/42PWD8 SERIES
SD-Board Schematic Diagram

TH-37/42PWD8 SERIES
SD-Board Schematic Diagram

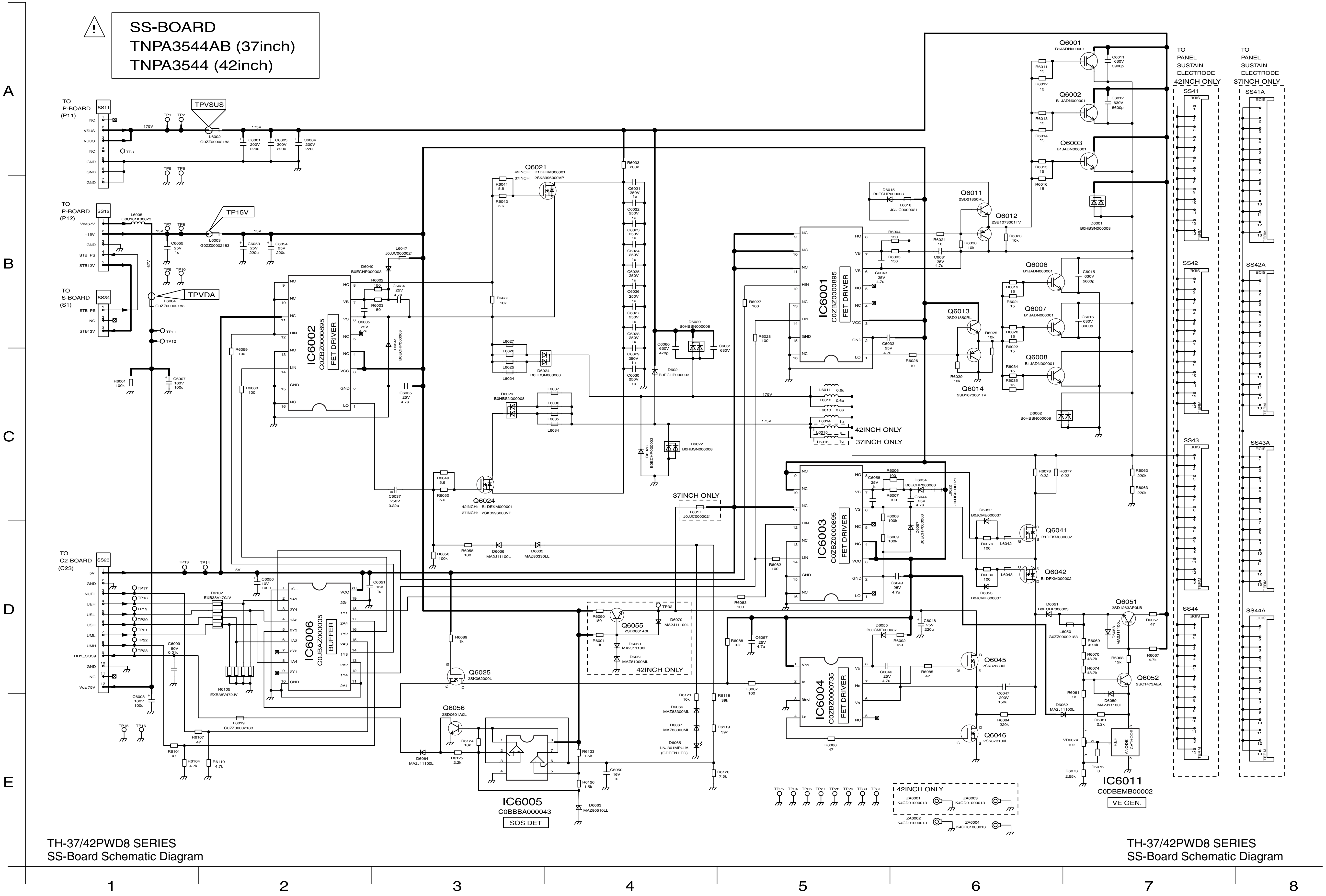
15.58. SS-Board Block Diagram


SS Sustain Drive
TO P12
SS12
STB PS
STB12V
+15V
VDA
TP15V
L6003
TPVDA
L6004
TO P11
SS11
VSUS
VSUS
TPVSUS
L6002
TO C23
SS23
VDA
SOS
5V
TO S1
SS34
STB-PS
STB12V
IC6006
BUFFER
UMH
UML
VCC
USH
USL
UEH
UEL
Q6025
Vsus GEN.
IC6001
FET DRIVER
VCC
VDD
Q6011
Q6012
Q6013
Q6014
Q6001
Q6002
Q6003
Q6006
Q6007
Q6008
UMH
S2
UML
S3
ENERGY RECOVERY
IC6002
FET DRIVER
VCC
VDD
USH
S1
Q6021
D6024
D6029
Q6024
USL
DISCHARGE
1/2 Vo
D6065
(GREEN LED)
SUSTAIN DRIVE
D6064
SS-BOARD
SOS_DET
Q6056
IC6005
SUSTAIN DRIVER
SOS BLINKING TIMES
LED 9 TIMES
L6011
L6015
TPSS1
Ve GEN.
IC6003
FET DRIVER
VCC
VDD
VE
INSERT
UEH
Q6041
Q6042
TPSS1 WAVEFORM
VE
VSET2
VSUS
Ve2 GEN.
IC6004
FET DRIVER
VCC
In
Ho
Lo
VE2
VEL
VEL
Q6045
Q6046
VE GEN.
TPVe
Q6051
Q6052
IC6011
R6074
Ve
VE
GENERATOR
SS41
SS42
SS43
SS44
Panel
Sustain
Electrode
(42inch)
SS41A
SS42A
SS43A
SS44A
Panel
Sustain
Electrode
(37inch)

TH-37/42PWD8 SERIES
SS-Board Block Diagram

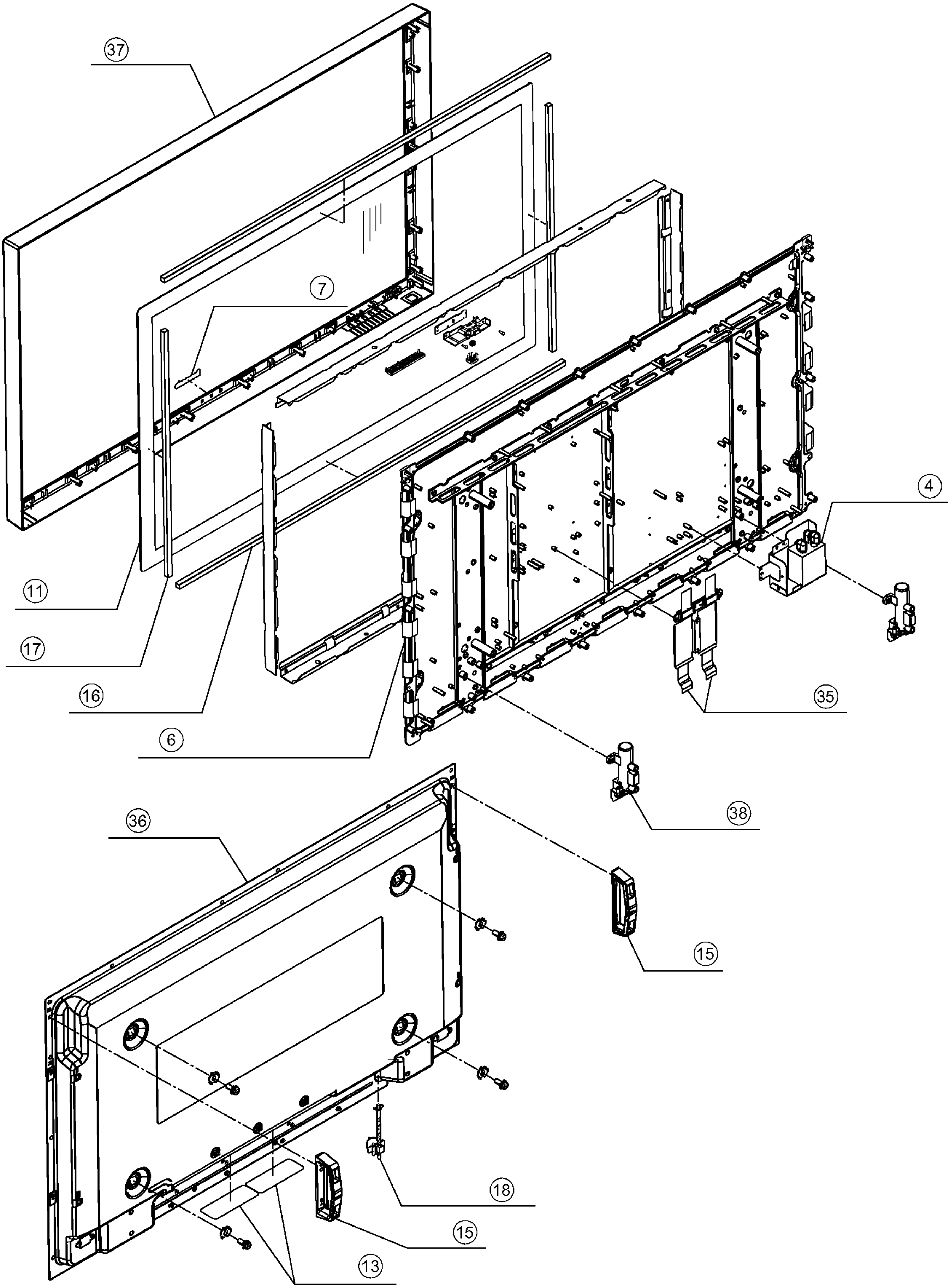
TH-37/42PWD8 SERIES
SS-Board Block Diagram

15.59. SS-Board Schematic Diagram

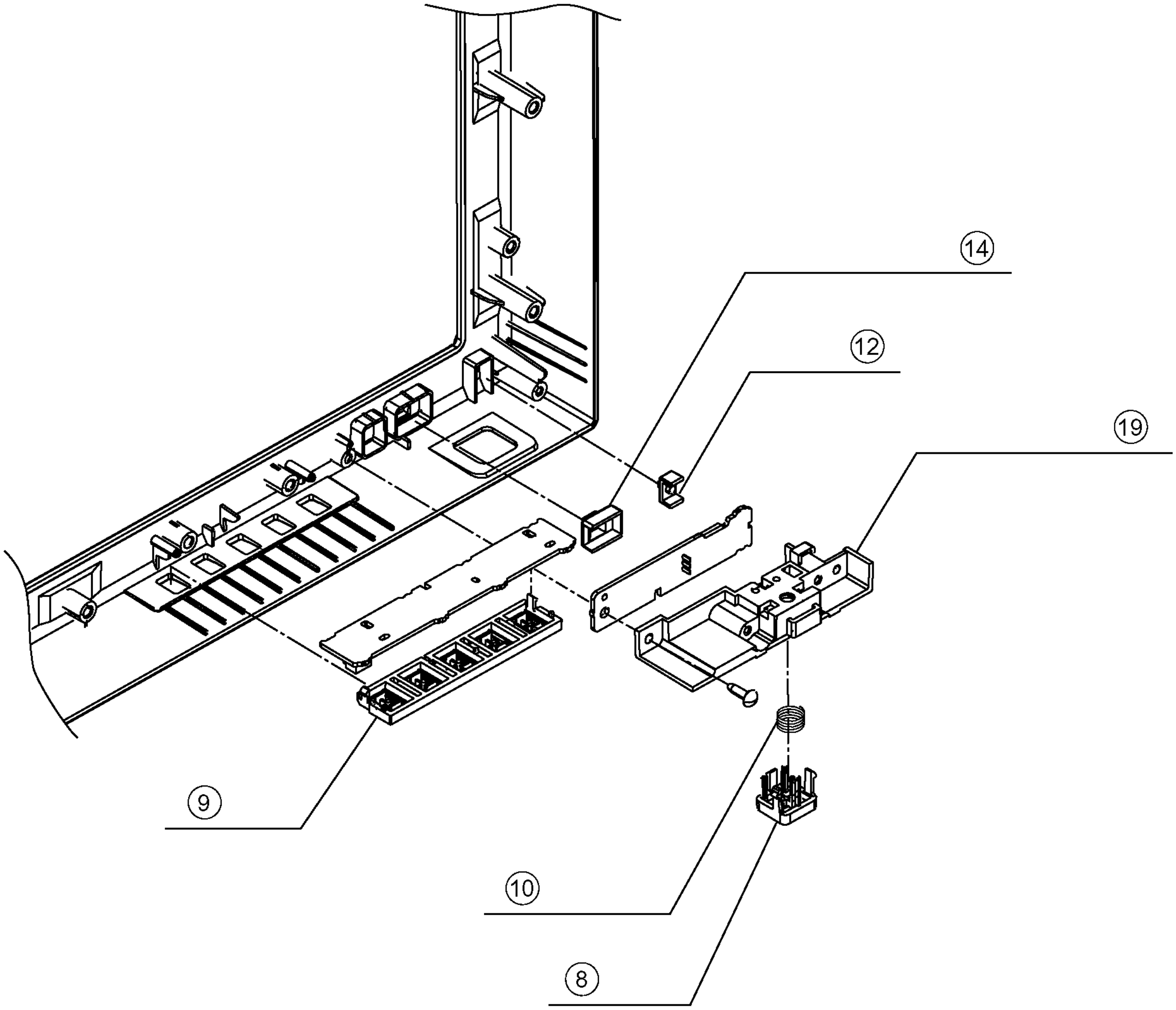

SS-BOARD
TNPA3544AB (37inch)
TNPA3544 (42inch)
TO P-BOARD (P11) SS11
TPVSUS
TO P-BOARD (P12) SS12
TP15V
TO S-BOARD (S1) SS34
TPVDA
TO C2-BOARD (C23) SS23
IC6002 C0ZBZ0000895 FET DRIVER
IC6001 C0ZBZ0000895 FET DRIVER
IC6003 C0ZBZ0000895 FET DRIVER
IC6004 C0ZBZ0000735 FET DRIVER
IC6006 C0JBAZ000005 BUFFER
IC6005 C0BBBA000043 SOS DET
IC6011 C0DBEMB00002 VE GEN.
Q6021 42INCH: B1DEKM000001 37INCH: 2SK3996000VP
Q6024 42INCH: B1DEKM000001 37INCH: 2SK3996000VP
Q6001 B1JADN000001
Q6002 B1JADN000001
Q6003 B1JADN000001
Q6006 B1JADN000001
Q6007 B1JADN000001
Q6008 B1JADN000001
Q6011 2SD21850RL
Q6012 2SB1073001TV
Q6013 2SD21850RL
Q6014 2SB1073001TV
Q6041 B1DFKM000002
Q6042 B1DFKM000002
Q6045 2SK326800L
Q6046 2SK373100L
Q6051 2SD1263AP0LB
Q6052 2SC1473AEA
Q6055 2SD0601A0L
Q6056 2SD0601A0L
Q6025 2SK062000L
42INCH ONLY
37INCH ONLY
TO PANEL SUSTAIN ELECTRODE 42INCH ONLY
TO PANEL SUSTAIN ELECTRODE 37INCH ONLY
SS41
SS41A
SS42
SS42A
SS43
SS43A
SS44
SS44A
TH-37/42PWD8 SERIES
SS-Board Schematic Diagram
A
B
C
D
E
1
2
3
4
5
6
7
8

16 Parts Location

16.1. Parts Location (1)

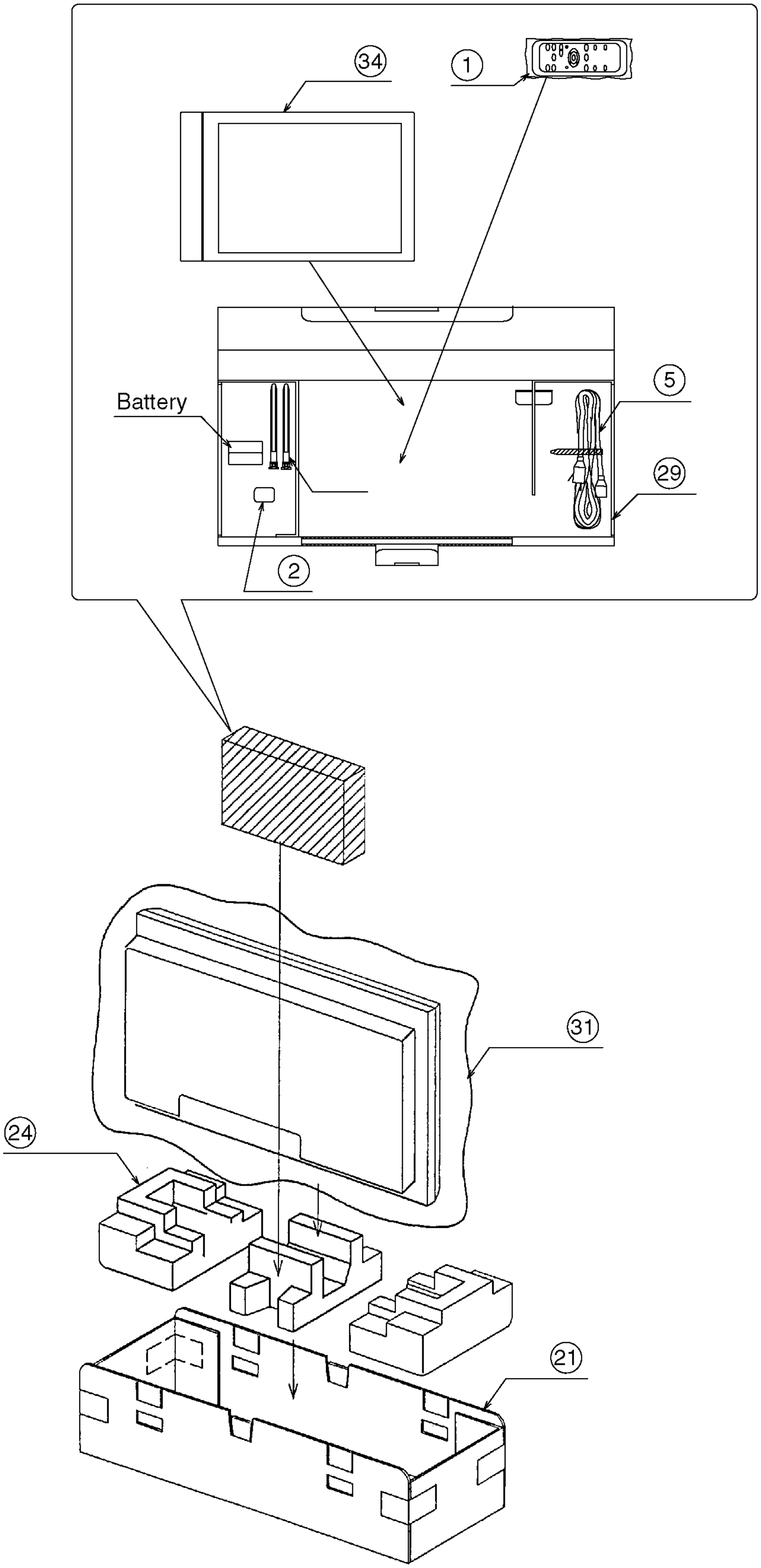

37
7
4
11
17
16
6
35
38
36
15
18
15
13

16.2. Parts Location (2)

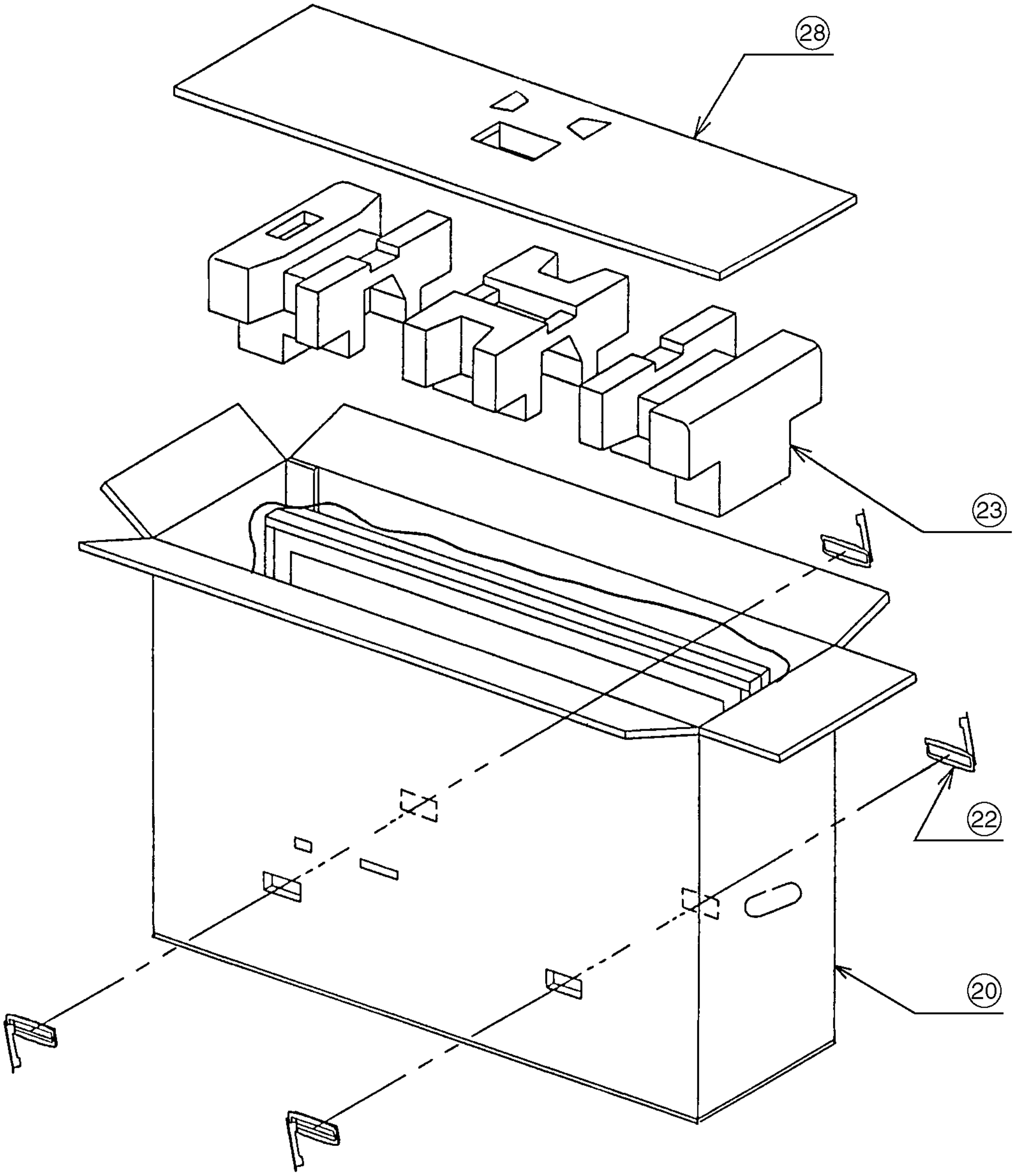

14
12
19
9
10
8

17 Packing Exploded Views

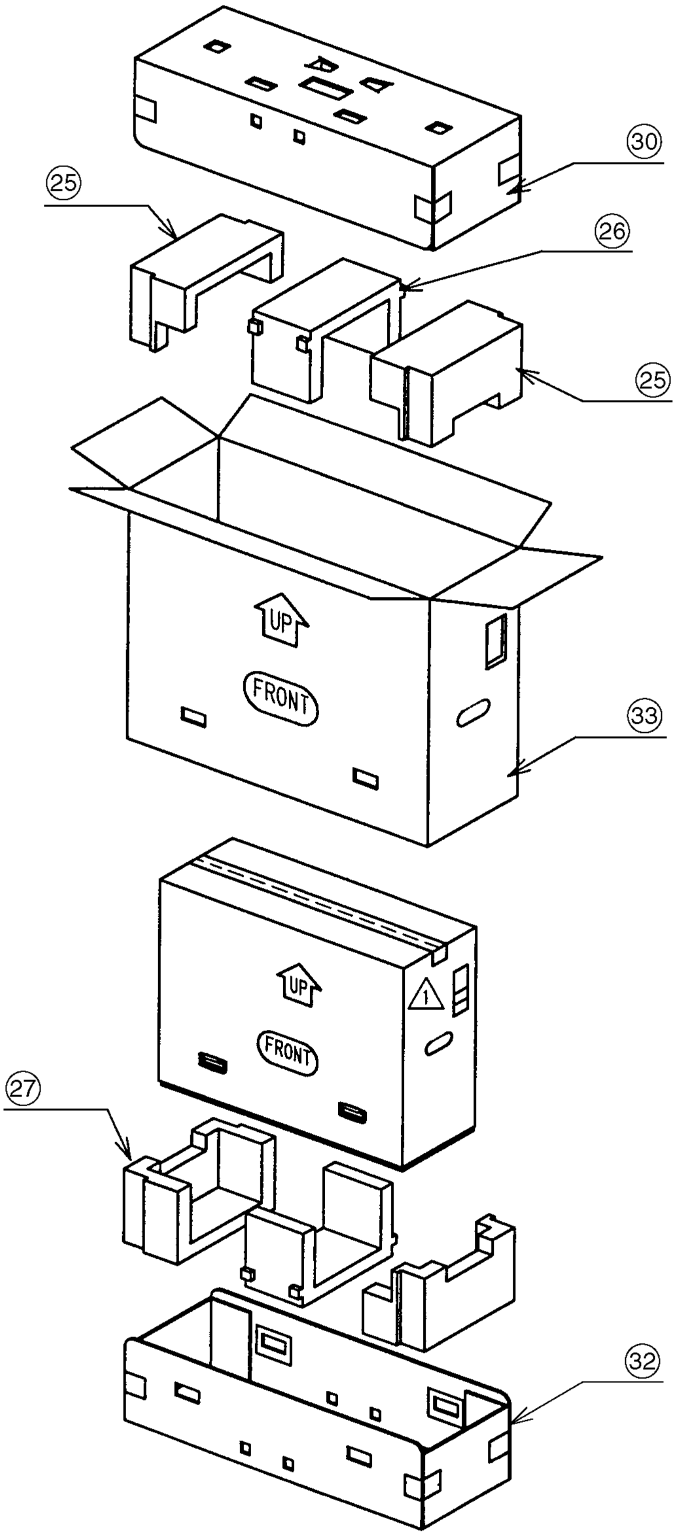
17.1. Packing Exploded Views (1)


34
1
Battery
5
29
2
31
24
21

17.2. Packing Exploded Views (2)



17.3. Packing Exploded Views (3)


30
25
26
25
UP
FRONT
33
UP
FRONT
1
27
32

18 Mechanical Replacement Parts List

Note:

All parts except parts mentioned [PAVCCZ] in the Remarks column are supplied by AVC-SPC.

Parts mentioned [PAVCCZ] are supplied by PAVCCZ.

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
1	EUR7636070R	REMOTE CONTROLER	1	
2	J0KD00000095	FLAT CORE	2	TH-37PWD8UK,TH-42PWD8BK/BS/EK/ES/UK
	J0KF00000018	FILTER	1	
	J0KF00000021	NOISE FILTER	4	
	J0KG00000054	NOISE FILTER	1	
4	K2AH3H000033	AC-INLET	1	⚠
5	K2CG3DH00025	AC CORD	1	TH-37/42PWD8GK/GS/UK ⚠
5	K2CN3DH00006	AC CORD	1	TH-37/42PWD8EK/ES ⚠
5	K2CT3DH00018	AC CORD	1	TH-37/42PWD8BK/BS ⚠
6	MD37S08A1J	PLASMA DISPLAY PANEL	1	TH-37PWD8 SERIES ⚠
6	MD42S08A1J	PLASMA DISPLAY PANEL	1	TH-42PWD8 SERIES ⚠
7	TBMA162	PANASONIC BADGE	1	
8	TBXA46601	POWER BUTTON	1	
9	TBXA46701	5KEY BUTTON	1	
10	TESD031	SPRING	1	
	THEA068N	SCREW	4	
	THEL0239	SCREW (SLOT5,METAL4,COVER3)	13	TH-37PWD8 SERIES
	THEL0239	SCREW (SLOT5,METAL4,COVER3)	18	TH-42PWD8 SERIES
	THEL027N	SCREW	17	TH-37PWD8BK/BS/EK/ES
	THEL027N	SCREW	13	TH-37PWD8GK/GS
	THEL027N	SCREW	21	TH-37PWD8UK
	THEL027N	SCREW	19	TH-42PWD8BK/BS/EK/ES
	THEL027N	SCREW	14	TH-42PWD8GK/GS
	THEL027N	SCREW	22	TH-42PWD8UK
	THEL035N	SCREW	61	TH-37PWD8BK/BS/EK/ES
	THEL035N	SCREW	64	TH-37PWD8GK/GS/UK
	THEL035N	SCREW	74	TH-42PWD8BK/BS/EK/ES
	THEL035N	SCREW	43	TH-42PWD8GK/GS
	THEL035N	SCREW	64	TH-42PWD8UK
	THEL0439	SCREW (FLOCK)	12	TH-42PWD8BK/BS/EK/ES
	THEL0439	SCREW (FLOCK)	4	TH-37PWD8BK/BS/EK/ES
11	TKGA5220	FRONT GLASS	1	TH-42PWD8 SERIES
11	TKGA5221	FRONT GLASS	1	TH-37PWD8 SERIES
12	TKKC5213	LED PANEL	1	
13	TKKL5266	COVER	3	TH-42PWD8GK/GS

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
13	TKKL5266	COVER	2	TH-42PWD8BK/BS/UK/US
13	TKKL5266	COVER	1	TH-42PWD8UK
13	TKKL5266	COVER	2	TH-37PWD8GK/GS
13	TKKL5266	COVER	1	TH-37PWD8BK/BS/EK/ES
14	TKPA95001	REMOTE SENSOR PANEL	1	
15	TKRA20501	HANDLE	2	
16	TMKG560	SPONGE T/B	2	TH-37PWD8 SERIES
16	TMKG556	SPONGE T/B	2	TH-42PWD8 SERIES
17	TMKG561	SPONGE L/R	2	TH-37PWD8 SERIES
17	TMKG557	SPONGE L/R	2	TH-42PWD8 SERIES
	TMM15414-2	CLAMPER	1	
	TMM17434-2	CLAMPER	1	
	TMM17499	CLAMPER	1	
	TMM25401	CLAMPER	3	
	TMM6463-1	CLAMPER	1	
	TMM6496-1	CLAMPER	1	
	TMM7464-2	CLAMPER	3	TH-37/42PWD8BK/BS/EK/ES
	TMM7464-2	CLAMPER	1	TH-37/42PWD8GK/GS/UK
	TMM7468-1	CLAMPER	1	TH-42PWD8 SERIES
	TMME047	CLAMPER	2	TH-37/42PWD8BK/BS/EK/ES
	TMME047	CLAMPER	5	TH-37/42PWD8GK/GS/UK
	TMME061	CLAMPER	3	
	TMME185	CLAMPER	2	
	TMME187	CLAMPER	2	
	TMME199	CLAMPER	3	
	TMME228	CLAMPER	2	
18	TMME248	CLAMPER POWER SUPPLY COR	1	
	TMMX079	SPACER	4	TH-42PWD8BK/BS/EK/ES
	TMMX095	BRACKET	2	
19	TMWC015	POWER BUTTON BRACKET	1	
20	TPC0E63801	CARTON BOX-TOP	1	TH-37PWD8BK/BS/EK/ES PAVCCZ ⚠
20	TPC0E63901	CARTON BOX-TOP	1	TH-42PWD8BK/BS/EK/ES PAVCCZ ⚠
20	TPCB14058	CARTON BOX-TOP	1	TH-37PWD8GK/GS ⚠
20	TPCB14064	CARTON BOX-TOP	1	TH-37PWD8UK ⚠
20	TPCB40407	CARTON BOX-TOP	1	TH-42PWD8UK ⚠
20	TPCB40408	CARTON BOX-TOP	1	TH-42PWD8GK ⚠
20	TPCB40409	CARTON BOX-TOP	1	TH-42PWD8GS ⚠
21	TPC0E60901	CARTON BOX-BOTTOM	1	TH-37PWD8BK/BS/EK/ES PAVCCZ
21	TPC0E61101	CARTON BOX-BOTTOM	1	TH-42PWD8BK/BS/EK/ES PAVCCZ

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
21	TPCB14101	CARTON BOX-BOTTOM	1	TH-37PWD8GK/GS/UK
21	TPCA95901A	CARTON BOX-BOTTOM	1	TH-42PWD8GK/GS/UK
22	TPD169487	JOINT	4	TH-37PWD8GK/GS/UK
22	TPD169487	JOINT	8	TH-42PWD8GK/GS/UK
22	TPD169487	JOINT	4	TH-37/42PWD8BK/BS/EK/ES PAVCCZ
23	TPDA0943	CUSHION-TOP	1	TH-37/42PWD8GK/GS/UK
23	TPD0E0099	CUSHION-TOP	1	TH-37/42PWD8BK/BS/EK/ES PAVCCZ
24	TPDA1105	CUSHION-BOTTOM	1	TH-37/42PWD8GK/GS/UK
24	TPD0E0100	CUSHION-BOTTOM	1	TH-37/42PWD8BK/BS/EK/ES PAVCCZ
25	TPDA0675	CUSHION (UPPER LEFT/RIGHT)	2	TH-42PWD8GK/GS/UK
26	TPDA0676	CUSHION (CENTER)	1	TH-42PWD8GK/GS/UK
27	TPDA0794	CUSHION (BOTTOM)	1	TH-42PWD8GK/GS/UK
28	TPDF0745	TOP PAD	1	TH-37PWD8GK/GS/UK
28	TPDF0596	TOP PAD	1	TH-42PWD8GK/GS/UK
28	TPD0E9007	TOP PAD	1	TH-37PWD8BK/BS/EK/ES PAVCCZ
28	TPD0E9008	TOP PAD	1	TH-42PWD8BK/BS/EK/ES PAVCCZ
29	TPDF0737	ACCESSORIES BOX	1	TH-37/42PWD8GK/GS/UK
29	TPDF1197	ACCESSORIES BOX	1	TH-37/42PWD8BK/BS/EK/ES PAVCCZ
30	TPDF0905	TOP PAD(UPPER)	1	TH-42PWD8GK/GS/UK
31	TPE0E4010	PROTECT COVER	1	TH-37/42PWD8BK/BS/EK/ES PAVCCZ
31	TPEH007-3	PROTECT COVER	1	TH-37PWD8GK/GS/UK
31	TPEH170	PROTECT COVER	1	TH-42PWD8GK/GS/UK
32	TPGA2150	CARTON BOX (BOTTOM)	1	TH-42PWD8GK/GS/UK
33	TPGA2462	CARTON BOX	1	TH-42PWD8GK/GS/UK
34	TQB0E0217A	INSTRUCTION BOOK(ENGLISH)	1	TH-37/42PWD8EK/ES PAVCCZ ⚠
34	TQB0E0217B	INSTRUCTION BOOK(GERMAN)	1	TH-37/42PWD8EK/ES PAVCCZ ⚠
34	TQB0E0217C	INSTRUCTION BOOK(ITALY)	1	TH-37/42PWD8EK/ES PAVCCZ ⚠
34	TQB0E0217D	INSTRUCTION BOOK(FRANCE)	1	TH-37/42PWD8EK/ES PAVCCZ ⚠
34	TQB0E0217E	INSTRUCTION BOOK(SPAIN)	1	TH-37/42PWD8EK/ES PAVCCZ ⚠
34	TQB0E0217F	INSTRUCTION BOOK(DUTCH)	1	TH-37/42PWD8EK/ES PAVCCZ ⚠
34	TQB0E0217K	INSTRUCTION BOOK(DANISH)	1	TH-37/42PWD8EK/ES PAVCCZ ⚠
34	TQB0E0217U	INSTRUCTION BOOK(SWEDISH)	1	TH-37/42PWD8EK/ES PAVCCZ ⚠
34	TQB0E0218	INSTRUCTION BOOK(ENGLISH)	1	TH-37/42PWD8EK/ES PAVCCZ ⚠
34	TQBC2023	INSTRUCTION BOOK(ENGLISH)	1	TH-37/42PWD8GK/GS ⚠
34	TQBC2026	INSTRUCTION BOOK(ENGLISH)	1	TH-37/42PWD8UK ⚠
34	TQBC2027	INSTRUCTION BOOK(SPANISH)	1	TH-37/42PWD8UK ⚠
34	TQBC2028	INSTRUCTION BOOK(FRENCH)	1	TH-37/42PWD8UK ⚠
	TQEF035	POLY BAG	1	
35	TSXL469	CABLE (D31-C11/D32-C21)	2	
36	TTUA1193	REAR COVER	1	TH-42PWD8UK ⚠
36	TTUA1194	REAR COVER	1	TH-42PWD8GK ⚠
36	TTUA1195	REAR COVER	1	TH-42PWD8GS ⚠
36	TTUA1203	REAR COVER	1	TH-37PWD8UK ⚠
36	TTUA1204	REAR COVER	1	TH-37PWD8GK ⚠
36	TTUA1205	REAR COVER	1	TH-37PWD8GS ⚠
36	TTUA1230	REAR COVER	1	TH-42PWD8EK PAVCCZ ⚠
36	TTUA1231	REAR COVER	1	TH-42PWD8ES PAVCCZ ⚠
36	TTUA1232	REAR COVER	1	TH-42PWD8BK PAVCCZ ⚠
36	TTUA1233	REAR COVER	1	TH-42PWD8BS PAVCCZ ⚠
36	TTUA1234	REAR COVER	1	TH-37PWD8EK PAVCCZ ⚠
36	TTUA1235	REAR COVER	1	TH-37PWD8ES PAVCCZ ⚠
36	TTUA1236	REAR COVER	1	TH-37PWD8BK PAVCCZ ⚠
36	TTUA1237	REAR COVER	1	TH-37PWD8BS PAVCCZ ⚠
37	TXFKE010YLS	ESCUTCHEON ASS'Y	1	TH-37PWD8BK/EK/UK/GK ⚠
37	TXFKE010YMS	ESCUTCHEON ASS'Y	1	TH-37PWD8BS/ES/GS ⚠
37	TXFKE010YNS	ESCUTCHEON ASS'Y	1	TH-42PWD8BK/EK/UK/GK ⚠
37	TXFKE010YPS	ESCUTCHEON ASS'Y	1	TH-42PWD8BS/ES/GS ⚠
38	TXFMZ010VASA	STAND POLE BRACKET	2	
	TXJ/SP0YNS	SPEAKER LEAD	1	
	XTB4+10JFJ	SCREW (VESA BRACKET) ROHS	18	TH-37PWD8 SERIES
	XTB4+10JFJ	SCREW (VESA BRACKET) ROHS	19	TH-42PWD8 SERIES

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
	XTBT964J	SCREW	2	TH-42PWD8 SERIES
	XTV3+10GFJ	SCREW	3	
	XTV3+10JFJ	SCREW	4	TH-37/42PWD8UK
	XTV3+10JFJ	SCREW	2	TH-37/42PWD8BK/BS/EK/ES/GK/GS
	XTW3+8TFJ	SCREW	3	
	XTW4+35DFJ	SCREW	10	TH-37/42PWD8BK/BS/EK/ES
	XYC4+FJ35FJK	SCREW	4	TH-42PWD8BK/BS/EK/ES
	XYC4+FJ35FJK	SCREW	12	TH-37PWD8BK/BS/EK/ES
	XYC4+FJ35FJK	SCREW	16	TH-37/42PWD8GK/GS/UK
	XYN3+C8FJ	SCREW	2	
	XYN3+F8FJ	SCREW	3	
	XYN3+J10FJ	SCREW	1	
	XYN3+J12FJ	SCREW	23	
	XYN3+J8FJ	SCREW ROHS	1	
	XYN4+E8FJ	SCREW(EARTH)	1	
	XYN5+C15FJ	SCREW	6	
	XYN8+F20FJK	SCREW	4	
	XZBT6530	POLY BAG	1	

19 Replacement Parts List

19.1. Replacement Parts List Notes

Important Safety Notice

Components identified by ⚠ mark have special characteristics important for safety.
When replacing any of these components, use only manufacturer's specified parts.

RTL (Retention Time Limited)

Note: The marking (RTL) indicates that the Retention Time is Limited for this item. After the discontinuation of this assembly in production, the item will continue to be available for a specific period of time. The retention period of availability is dependant on the type of assembly, and in accordance with the laws governing part and product retention. After the end of this period, the assembly will no longer be available.

Abbreviation of part name and description

1. Resistor

Example:

ERD25TJ104 C 100KOHM, J, 1/4W
Type Allowance

Type	Allowance
C : Carbon F : Fuse M : Metal Oxide Metal FIlm S : Solid W : Wire Wound	F : ±1% G : ±2% J : ±5% K : ±10% M : ±20%

2. Capacitor

Example:

ECKF1H103ZF C 0.01UF, Z, 50V
Type Allowance

Type	Allowance
C : Ceramic E : Electrolytic P : Polyester Polypropylene T : Tantalum	C : ±0.25pF D : ±0.5pF F : ±1pF G : ±3pF J : ±5pF K : ±10pF L : ±15pF M : ±20pF P : +100%, -0% Z : +80%, -20%

19.2. Electrical Replacement Parts List (37inch)

Note:

All parts except parts mentioned [PAVCCZ] in the Remarks column are supplied by AVC-SPC.

Parts mentioned [PAVCCZ] are supplied by PAVCCZ.

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
F401.402	K5D802BNA005	TIME LAG FUSE HIGH	2	⚠
C11	K1MN55BA0076	55P CONNECTOR	1	
C12	K1KA04BA0107	4P CONNECTOR	1	
C21	K1MN55BA0076	55P CONNECTOR	1	
C22	K1KA04BA0107	4P CONNECTOR	1	
C23	K1KA12AA0153	12P CONNECTOR	1	
C801,02	EEVHB1C471	E 470UF, 16V	2	
C804	ECJ2XB1H222K	C 2200PF, K, 50V	1	
C805	ECJ1VB1C105K	C 0.01UF, K, 16V	1	
C806	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C807	ECJ3XF1C475Z	C 4.7UF, Z, 16V	1	
C808	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C809	TCUY1C225KBM	C 2.2UF, 16V	1	
C811,12	EEVHB1C471	E 470UF, 16V	2	
C814	ECJ2XB1H472K	C 4700PF, K, 50V	1	
C815	ECJ1VB1C105K	C 0.01UF, K, 16V	1	
C816	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C817	ECJ3XF1C475Z	C 4.7UF, Z, 16V	1	
C818	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C819	TCUY1C225KBM	C 2.2UF, 16V	1	
C820	ECJ2XC1H820J	C 82PF, J, 50V	1	
C821	F2H0J102A010	C 1000UF, 6.3V	1	
C822	EEVHB1C471	E 470UF, 16V	1	
C824	ECJ2XB1H472K	C 4700PF, K, 50V	1	
C825	ECJ1VB1C105K	C 0.01UF, K, 16V	1	
C826	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C827	ECJ3XF1C475Z	C 4.7UF, Z, 16V	1	
C828	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C829	F1J0J1060004	C 0.010UF, K, 16V	1	
C830	ECJ2XC1H820J	C 82PF, J, 50V	1	
C831	EEEHB1C470P	C 47PF, J, 16V	1	
C832	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C833	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
C834	EEEHB1C470P	C 47PF, J, 16V	1	
C835	F1J0J1060004	C 0.010UF, K, 16V	1	
C836	TCUY1C225KBM	C 2.2UF, 16V	1	
C837	F1J0J1060004	C 0.010UF, K, 16V	1	
C838	TCUY1C225KBM	C 2.2UF, 16V	1	
C839	F1J0J1060004	C 0.010UF, K, 16V	1	
C840	TCUY1C225KBM	C 2.2UF, 16V	1	
C841	F1J0J1060004	C 0.010UF, K, 16V	1	
C842	TCUY1C225KBM	C 2.2UF, 16V	1	
C843	F1J0J1060004	C 0.010UF, K, 16V	1	
C844	TCUY1C225KBM	C 2.2UF, 16V	1	
C845	F1J0J1060004	C 0.010UF, K, 16V	1	
C846	TCUY1C225KBM	C 2.2UF, 16V	1	
C847	F1J0J1060004	C 0.010UF, K, 16V	1	
C848	TCUY1C225KBM	C 2.2UF, 16V	1	
C1530	ECJ3XB0J106M	C 10UF, M,6.3V	1	
C2350,51	TCUY1C225KBM	C 2.2UF, 16V	2	
C2352,53	EEEHB1H100P	C 10PF, J, 50V	2	
C2354,55	EEEHB1V470P	E 47UF, 35V	2	
C2356,57	ECJ2XB1H102K	C 1000PF, K, 50V	2	
C2358,59	EEEHB1H2R2R	C 2.2PF, J, 50V	2	
C2360,61	ECJ2XC1H102J	C 1000PF, J, 50V	2	
C2362,63	EEEHB1E471UP	C 470PF, J, 25V	2	
C2364,65	ECQV1H104JM	P 0.1UF, J, 50V	2	
C2366,67	ECJ3YB1E225K	C 2.2UF, K, 25V	2	
C2368,69	ECQV1H104JM	P 0.1UF, J, 50V	2	
C2370,71	EEEHB1V470P	E 47UF, 35V	2	
C2373-75	ECJ1XB1C104K	C 0.1UF, Z, 16V	3	
C2376,77	ECJ1XC1H150J	C 15PF, J, 50V	2	
C2378-82	ECJ1XB1C104K	C 0.1UF, Z, 16V	5	
C2383	EEEHB1A101P	C 100PF, J, 10V	1	
C2384	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C2385	EEEHB1A101P	C 100PF, J, 10V	1	
C2386,87	EEEHB1H1R0R	C 1.0PF, J, 50V	2	
C2388	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C2389	EEEHB1A101P	C 100PF, J, 10V	1	
C2390	EEEHB1H100P	C 10PF, J, 50V	1	
C2391	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C2392,93	ECJ2VF1C105Z	C 1UF, Z, 16V	2	
C2394	EEEHB1H100P	C 10PF, J, 50V	1	
C2395,96	ECJ1XB1C104K	C 0.1UF, Z, 16V	2	
C2397	EEEHB1A101P	C 100PF, J, 10V	1	
C2398-03	ECJ1XB1C104K	C 0.1UF, Z, 16V	6	
C2404	ECJ1VB1C103K	C 0.010UF, K, 16V	1	
C2405,06	ECJ1VB0J225K	C 2.2UF, K, 6.3V	2	
C2407,08	F1J0J1060004	C 0.010UF, K, 16V	2	
C2409,10	ECJ1XC1H181J	C 180PF, J, 50V	2	
C2411-13	ECJ3YB1C106M	C 10UF, M,16V	3	
C3001	ECJ1VF1H103Z	C 0.010UF, Z, 50V	1	
C3002	ECJ2XB1E104K	C 0.1UF, K, 25V	1	(HB)
C3002	ECJ3XF1C475Z	C 4.7UF, Z, 16V	1	(J)
C3003	ECJ2VF1C105Z	C 1UF, Z, 16V	1	(J)
C3003	EEEHP1A100R	E 10UF, 10V	1	(HB)
C3004	EEEHB1C470P	C 47PF, J, 16V	1	(J)
C3004	EEEHP1A100R	E 10UF, 10V	1	(HB)
C3005	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	(HB)
C3005	ECJ2VF1C105Z	C 1UF, Z, 16V	1	(J)
C3006	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	(HB)
C3006	ECJ2VF1C105Z	C 1UF, Z, 16V	1	(J)
C3007	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	(HB)
C3007	ECJ2VF1C105Z	C 1UF, Z, 16V	1	(HA)
C3007	EEEHB1C470P	C 47PF, J, 16V	1	(J)
C3008	ECJ1VF1H104Z	C 0.1UF, Z, 50V	1	(J)
C3008	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	(HB)
C3008	ECJ2VF1C105Z	C 1UF, Z, 16V	1	(HA)
C3009	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	(J)
C3009	EEEHB1C470P	C 47PF, J, 16V	1	(HB)
C3010	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C3011	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	(J)
C3011	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	(HB)
C3011	EEEHB1C470P	C 47PF, J, 16V	1	(HA)
C3012	ECJ1VF1H103Z	C 0.010UF, Z, 50V	1	(J)
C3012	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	(HB)
C3012	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	(HA)
C3013	ECJ1VF1H103Z	C 0.010UF, Z, 50V	1	(J)
C3013	ECJ2VF1C105Z	C 1UF, Z, 16V	1	(HB)
C3014	ECJ1VF1H103Z	C 0.010UF, Z, 50V	1	(J)
C3014	EEEHB1C470P	C 47PF, J, 16V	1	(HB)
C3015	ECJ1VF1H103Z	C 0.010UF, Z, 50V	1	(J)
C3015	ECJ1XC1H470J	C 47PF, J, 50V	1	(HB)
C3016	ECJ1VF1H103Z	C 0.010UF, Z, 50V	1	(J)
C3016	ECJ1XC1H220J	C 22PF, J, 50V	1	(HB)

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C3017	ECJ1VF1H103Z	C 0.010UF, Z, 50V	1	(J)
C3017	ECJ1XC1H680J	C 68PF, J, 50V	1	(HB)
C3018	EEEHB0J330R	C 33PF, J, 6.3V	1	(HB)
C3018	EEEHB1C470P	C 47PF, J, 16V	1	(J)
C3019	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	(J)
C3019	ECJ3YB0J335K	C 33UF, J, 25V	1	(HB)
C3020	TCUY1C225KBM	C 2.2UF, 16V	1	
C3021	ECJ1VF1A105Z	C 1UF, Z, 10V	1	(HA)
C3021	ECJ2VF1C105Z	C 1UF, Z, 16V	1	(HB)
C3021	TCUY1C225KBM	C 2.2UF, 16V	1	(J)
C3022	ECJ1VF1A105Z	C 1UF, Z, 10V	1	(HB)
C3022	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	(HA)
C3022	TCUY1C225KBM	C 2.2UF, 16V	1	(J)
C3023	EEEHB0J101P	C 100PF, J, 6.3V	1	
C3024	ECJ3XB0J106M	C 10UF, M,6.3V	1	
C3026-31	TCUY1C225KBM	C 2.2UF, 16V	6	
C3033	ECJ2VF1C105Z	C 1UF, Z, 16V	1	
C3040,41	ECJ1XF1C104Z	C 0.1UF, Z, 16V	2	
C3051-54	ECJ1XC1H561J	C 560PF, J, 50V	4	
C3055,56	ECJ2VF1C105Z	C 1UF, Z, 16V	2	
C3101	TCUY1C225KBM	C 2.2UF, 16V	1	
C3102	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C3103	ECJ1VF1A105Z	C 1UF, Z, 10V	1	(HB)
C3103	TCUY1C225KBM	C 2.2UF, 16V	1	(J)
C3104	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	(HB)
C3105	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	(J)
C3105	EEEHB0G221P	C 220PF, J, 4V	1	(HB)
C3106	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	(HB)
C3106	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	(J)
C3107	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	(HB)
C3107	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	(J)
C3108	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	(HB)
C3108	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	(J)
C3109,10	ECJ1XB1C104K	C 0.1UF, Z, 16V	2	(HB)
C3110	TCUY1C225KBM	C 2.2UF, 16V	1	(J)
C3111	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	(HB)
C3111	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	(J)
C3112	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	(HB)
C3112	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	(J)
C3113	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	(HB)
C3113	EEEHB1C470P	C 47PF, J, 16V	1	(J)
C3114	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	(HB)
C3114	ECJ3XF1C475Z	C 4.7UF, Z, 16V	1	(J)
C3115	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	(HB)
C3115	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	(J)
C3116-21	ECJ1XB1C104K	C 0.1UF, Z, 16V	6	
C3122	ECJ1VF1A105Z	C 1UF, Z, 10V	1	
C3123-26	ECJ1XB1C104K	C 0.1UF, Z, 16V	4	
C3127	ECJ2VF1C105Z	C 1UF, Z, 16V	1	
C3128-34	ECJ1XB1C104K	C 0.1UF, Z, 16V	7	(HB)
C3134	F2H0J102A010	C 1000UF, 6.3V	1	(J)
C3135	ECJ1VB1C103K	C 0.010UF, K, 16V	1	(HB)
C3135	F2H0J102A010	C 1000UF, 6.3V	1	(J)
C3136	ECJ1XC1H330J	C 33PF, J, 50V	1	(HB)
C3136	F2H0J102A010	C 1000UF, 6.3V	1	(J)
C3137	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C3138	ECJ3XB0J106M	C 10UF, M,6.3V	1	
C3139	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C3140	ECJ1XC1H101J	C 100PF, J, 50V	1	
C3141	ECJ1XB0J105K	C 1UF, K, 16V	1	
C3142	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C3143	TCUY1C225KBM	C 2.2UF, 16V	1	
C3144	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	(HB)
C3144	TCUY1C225KBM	C 2.2UF, 16V	1	(J)
C3145	EEEHB1C470P	C 47PF, J, 16V	1	
C3146	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	(HB)
C3146	TCUY1C225KBM	C 2.2UF, 16V	1	(J)
C3147	ECJ3XB0J106M	C 10UF, M,6.3V	1	
C3148	ECJ1XB0J105K	C 1UF, K, 16V	1	
C3149	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C3150	ECJ1VB1C103K	C 0.010UF, K, 16V	1	(HB)
C3150	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	(J)
C3151	ECJ1XC1H330J	C 33PF, J, 50V	1	
C3152	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C3153	ECJ1XC1H101J	C 100PF, J, 50V	1	
C3154	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C3156	ECJ1XB0J105K	C 1UF, K, 16V	1	
C3157	ECJ3XB0J106M	C 10UF, M,6.3V	1	
C3158	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C3159	EEEHB0G221P	C 220PF, J, 4V	1	
C3160,61	ECJ1XB1C104K	C 0.1UF, Z, 16V	2	
C3162-66	ECJ1VF1A105Z	C 1UF, Z, 10V	5	
C3167-78	ECJ1XB1C104K	C 0.1UF, Z, 16V	12	
C3179	EEEHB0G221P	C 220PF, J, 4V	1	
C3180-83	ECJ1XB1C104K	C 0.1UF, Z, 16V	4	
C3185	ECJ1XC1H060D	C 6PF, D, 50V	1	
C3186	ECJ1XC1H470J	C 47PF, J, 50V	1	
C3188	ECJ1VF1A105Z	C 1UF, Z, 10V	1	
C3200	ECJ2VF1C105Z	C 1UF, Z, 16V	1	
C3201	F1J0J1060004	C 0.010UF, K, 16V	1	
C3202	ECJ1VF1A105Z	C 1UF, Z, 10V	1	(HB)
C3202	F1J0J1060004	C 0.010UF, K, 16V	1	(J)
C3203-06	ECJ1VF1A105Z	C 1UF, Z, 10V	4	
C3207	EEEHB0G221P	C 220PF, J, 4V	1	
C3208-14	ECJ1VF1A105Z	C 1UF, Z, 10V	7	
C3216,17	ECJ1VF1A105Z	C 1UF, Z, 10V	2	
C3218	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C3253	ECJ1XB1H102K	C 1000UF, Z, 50V	1	
C3254	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C3255	ECJ1XB1H102K	C 1000UF, Z, 50V	1	
C3256	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C3257	ECJ1XB1H102K	C 1000UF, Z, 50V	1	
C3258	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C3259	ECJ1XB1H102K	C 1000UF, Z, 50V	1	
C3260	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C3261	EEEHB0G221P	C 220PF, J, 4V	1	
C3262	ECJ1XB1H102K	C 1000UF, Z, 50V	1	
C3263,64	ECJ1XB1C104K	C 0.1UF, Z, 16V	2	
C3265	EEEHB0G221P	C 220PF, J, 4V	1	
C3266	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C3301	ECJ1VF1A105Z	C 1UF, Z, 10V	1	
C3308	EEEHB0G221P	C 220PF, J, 4V	1	
C3309	ECJ1VF1A105Z	C 1UF, Z, 10V	1	
C3311	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C3313	ECJ1VF1A105Z	C 1UF, Z, 10V	1	
C3316,17	ECJ1VF1A105Z	C 1UF, Z, 10V	2	
C3318-21	ECJ1XB1C104K	C 0.1UF, Z, 16V	4	
C3322,23	EEEHB0G221P	C 220PF, J, 4V	2	
C3324	EEVHB0J101P	E 100UF, 6.3V	1	
C3325	EEEHB1C470P	C 47PF, J, 16V	1	
C3327-30	ECJ1XB1C104K	C 0.1UF, Z, 16V	4	
C3404	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C3405	EEEHB1C470P	C 47PF, J, 16V	1	
C3409	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C3523	EEEHB1C470P	C 47PF, J, 16V	1	
C3524	ECJ2VF1H103Z	C 0.010UF, Z, 50V	1	
C3550	ECJ2VF1H103Z	C 0.010UF, Z, 50V	1	
C3551	EEEHB1C470P	C 47PF, J, 16V	1	
C3561,62	ECJ2VF1C105Z	C 1UF, Z, 16V	2	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C6001-03	F2A2D221A022	E 220UF, 200V	3	
C6005	F1L1E4750004	C 4.7UF, 25V	1	
C6007,08	ECA2CM101	E 100UF, 160V	2	
C6009	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C6011	F1L2J392A022	C 3900UF, K,6.3V	1	
C6012	F1L2J562A022	C 5600UF, K,6.3V	1	
C6016	F1L2J392A022	C 3900UF, K,6.3V	1	
C6017	F1L2J562A022	C 5600UF, K,6.3V	1	
C6021-30	ECQE2105RKB	P 1UF, 250V	10	
C6031,32	F1L1E4750004	C 4.7UF, 25V	2	
C6034,35	F1L1E4750004	C 4.7UF, 25V	2	
C6037	ECQE2224KF	P 2.2UF, K,250V	1	
C6043,44	F1L1E4750004	C 4.7UF, 25V	2	
C6046	F1L1E4750004	C 4.7UF, 25V	1	
C6047	F2A2D1510004	E 150UF, 200V	1	
C6048	EEUFC1E221	E 220UF, 25V	1	
C6049	F1L1E4750004	C 4.7UF, 25V	1	
C6050,51	TCUY1C105ZFN	C 1UF, 16V	2	
C6053,54	EEUFC1E221	E 220UF, 25V	2	
C6055	ECJ3YB1E105K	C 1UF, K, 25V	1	
C6056	EEUFC1A101	E 100UF, 10V	1	
C6057	F1L1E4750004	C 4.7UF, 25V	1	
C6058	ECJ3YB1E105K	C 1UF, K, 25V	1	
C6060,61	F1K2J471A014	C 470UF, K,6.3V	2	
C6456	ECA2CM101	E 100UF, 160V	1	
C6457	ECA2CHG100	E 10UF, 160V	1	
C6458	F1L1E4750004	C 4.7UF, 25V	1	
C6459	EEUFC1E470	E 47UF, 25V	1	
C6461	ECA1HM101	E 100UF, 50V	1	
C6462-65	F1L1E4750004	C 4.7UF, 25V	4	
C6466	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C6467	ECJ2XB1H472K	C 4700PF, K, 50V	1	
C6468	TCUY1C105ZFN	C 1UF, 16V	1	
C6469	EEUFC1E221	E 220UF, 25V	1	
C6470	ECA1HM221	E 220UF, 50V	1	
C6471	TCUY1C105ZFN	C 1UF, 16V	1	
C6472	ECJ2VB1H333K	C 0.033UF, K, 50V	1	
C6473	TCUY1C105ZFN	C 1UF, 16V	1	
C6474	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C6475	EEUFC1E221	E 220UF, 25V	1	
C6476	ECA2CM101	E 100UF, 160V	1	
C6478	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C6479,80	ECJ2XB1H104K	C 0.1UF, K, 50V	2	
C6490	F1K2J332A014	C 3300UF, K,6.3V	1	
C6491,92	F2A2G100A017	E 100UF, 400V	2	
C6493	ECJ3XB2J222K	C 2200PF, K,630V	1	
C6501-03	ECJ2XB1H104K	C 0.1UF, K, 50V	3	
C6505	ECJ2XB1H104K	C 0.1UF, K, 50V	1	
C6507	ECJ2XB1H104K	C 0.1UF, K, 50V	1	
C6509	ECJ2XC1H102J	C 1000PF, J, 50V	1	
C6511,12	F1L1E4750004	C 4.7UF, 25V	2	
C6513	ECA2CM101	E 100UF, 160V	1	
C6521	F1L1E4750004	C 4.7UF, 25V	1	
C6523	ECA1VM470	E 47UF, 35V	1	
C6524	F1K2J471A014	C 470UF, K,6.3V	1	
C6526	ECA2EHG220	E 22UF, 250V	1	
C6529,30	F1K2J471A014	C 470UF, K,6.3V	2	
C6531,32	F1L1E4750004	C 4.7UF, 25V	2	
C6533,34	F1K2J471A014	C 470UF, K,6.3V	2	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C6541	F1L1E4750004	C 4.7UF, 25V	1	
C6543,44	F1K2J102A014	C 1000PF,	2	
C6546	TCUY1C105ZFN	C 1UF, 16V	1	
C6550	ECA2CM101	E 100UF, 160V	1	
C6551	ECQE2224KF	P 2.2UF, K,250V	1	
C6571	ECJ2XB1H104K	C 0.1UF, K, 50V	1	
C6575	ECJ2XB1H104K	C 0.1UF, K, 50V	1	
C6577	ECJ2XB1H104K	C 0.1UF, K, 50V	1	
C6580,81	TCUY1C105ZFN	C 1UF, 16V	2	
C6584	ECJ3YB1E105K	C 1UF, K, 25V	1	
C6585	TCUY1C105ZFN	C 1UF, 16V	1	
C6587	ECJ3YB1E105K	C 1UF, K, 25V	1	
C6588	TCUY1C105ZFN	C 1UF, 16V	1	
C6589	F1L1E4750004	C 4.7UF, 25V	1	
C6590	TCUY1C105ZFN	C 1UF, 16V	1	
C6591	F1L1E4750004	C 4.7UF, 25V	1	
C6598	ECA1CM220	E 22UF, 16V	1	
C6601-03	F2A2D221A022	E 220UF, 200V	3	
C6607	ECJ3YB1E105K	C 1UF, K, 25V	1	
C6608	ECA1EM471	E 470UF, 25V	1	
C6611	F1L2J392A022	C 3900UF, K,6.3V	1	
C6612	F1L2J562A022	C 5600UF, K,6.3V	1	
C6615	F1L2J562A022	C 5600UF, K,6.3V	1	
C6616	F1L2J392A022	C 3900UF, K,6.3V	1	
C6617	F1L2J562A022	C 5600UF, K,6.3V	1	
C6621-30	ECQE2105RKB	P 1UF, 250V	10	
C6631,32	F1L1E4750004	C 4.7UF, 25V	2	
C6634,35	F1L1E4750004	C 4.7UF, 25V	2	
C6637	F1L1E4750004	C 4.7UF, 25V	1	
C6639	F1L1E4750004	C 4.7UF, 25V	1	
C6647	TCUY1C105ZFN	C 1UF, 16V	1	
C6650	ECQE2224KF	P 2.2UF, K,250V	1	
C6651,52	ECJ2XB1H103K	C 0.01UF, K, 50V	2	
C6655,56	EEUFC1A101	E 100UF, 10V	2	
C6659,60	F1K2J471A014	C 470UF, K,6.3V	2	
C6901-04	TCUY1C105ZFN	C 1UF, 16V	4	
C6911,12	ECJ2XB1H102K	C 1000PF, K, 50V	2	
C6917	ECJ2XB1H221K	C 220PF, K, 50V	1	
C6931	F1L2E1040002	E 1000UF, 25V	1	
C6933	F1L2E1040002	E 1000UF, 25V	1	
C6955-58	TCUY1C105ZFN	C 1UF, 16V	4	
C6971,72	ECJ2XB1H102K	C 1000PF, K, 50V	2	
C6977	F1L2E1040002	E 1000UF, 25V	1	
C6979	F1L2E1040002	E 1000UF, 25V	1	
C7101	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C7104-06	TCUY1C105ZFN	C 1UF, 16V	3	
C7108-10	TCUY1C105ZFN	C 1UF, 16V	3	
C7135	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C7137	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C7140	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C7153	ECJ1XC1H101J	C 100PF, J, 50V	1	
C7161	ECJ3XB2A474K	C 0.47UF, 6.3V	1	
C7163	ECJ3XB2A474K	C 0.47UF, 6.3V	1	
C7165	ECJ3XB2A474K	C 0.47UF, 6.3V	1	
C7182	ECJ1XC1H101J	C 100PF, J, 50V	1	
C7186	ECJ1XC1H101J	C 100PF, J, 50V	1	
C7201	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C7203-06	TCUY1C105ZFN	C 1UF, 16V	4	
C7208,09	TCUY1C105ZFN	C 1UF, 16V	2	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C7210,11	ECJ1XC1H220J	C 22PF, J, 50V	2	
C7219	TCUY1C105ZFN	C 1UF, 16V	1	
C7222,23	TCUY1C105ZFN	C 1UF, 16V	2	
C7235	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C7237	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C7239	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C7242	TCUY1C105ZFN	C 1UF, 16V	1	
C7253,54	ECJ1XC1H101J	C 100PF, J, 50V	2	
C7266	ECJ3XB2A474K	C 0.47UF, 6.3V	1	
C7268	ECJ3XB2A474K	C 0.47UF, 6.3V	1	
C7270	ECJ3XB2A474K	C 0.47UF, 6.3V	1	
C7272	ECJ3XB2A474K	C 0.47UF, 6.3V	1	
C7282,83	ECJ1XC1H101J	C 100PF, J, 50V	2	
C8001	EEEHB1C470P	C 47PF, J, 16V	1	
C8003	ECJ1VF1H104Z	C 0.1UF, Z, 50V	1	
C8005	ECJ1VF1H103Z	C 0.010UF, Z, 50V	1	
C8007	ECJ1XC1H101J	C 100PF, J, 50V	1	
C8009	ECJ3XB0J106M	C 10UF, M,6.3V	1	
C8013	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C8015	ECJ3YF1A106Z	C 10UF, Z, 10V	1	
C8016	ECJ3YB1A475K	C 0.047UF, K, 10V	1	
C8019	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
C8021	ECJ3VB1C474K	C 0.47UF, K, 16V	1	
C8023	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
C8025	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
C8027	TCUY1C225KBM	C 2.2UF, 16V	1	
C8029	ECJ1VF1H103Z	C 0.010UF, Z, 50V	1	
C8030	EEEHB1C470P	C 47PF, J, 16V	1	
C8033	ECJ1XC1H102J	C 1000PF, J, 50V	1	
C8035	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C8036	ECJ1XC1H101J	C 100PF, J, 50V	1	
C8038	ECJ2XC1H102J	C 1000PF, J, 50V	1	
C8045	ECJ2VF1C105Z	C 1UF, Z, 16V	1	
C8049	ECJ2VF1H103Z	C 0.010UF, Z, 50V	1	
C8051	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C8070	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C8071	EEEHB1C470P	C 47PF, J, 16V	1	
C8072,73	ECJ3YF1A106Z	C 10UF, Z, 10V	2	
C8080-83	ECJ1XF1C104Z	C 0.1UF, Z, 16V	4	
C8084	TCUY1C105ZFN	C 1UF, 16V	1	
C8100	EEEHB1C470P	C 47PF, J, 16V	1	
C8101	ECJ1VF1H103Z	C 0.010UF, Z, 50V	1	
C8102,03	EEEHB1C470P	C 47PF, J, 16V	2	
C8105,06	EEEHB1C470P	C 47PF, J, 16V	2	
C8107	EEVHB1C471	E 470UF, 16V	1	
C8108,09	ECJ1XF1C104Z	C 0.1UF, Z, 16V	2	
C8111-13	ECJ1XF1C104Z	C 0.1UF, Z, 16V	3	
C8114	ECJ2VF1H103Z	C 0.010UF, Z, 50V	1	
C8115	EEEHB1C470P	C 47PF, J, 16V	1	
C8116	ECJ1VF1H103Z	C 0.010UF, Z, 50V	1	
C8120	EEEHB1C470P	C 47PF, J, 16V	1	
C8121	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C8122	EEEHB1C470P	C 47PF, J, 16V	1	
C8123	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C8181,82	ECJ1XC1H150J	C 15PF, J, 50V	2	
C8183	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C8185	EECS5R5H155	E 1.5UF, 5.5V	1	
C8200	EEEHB1C470P	C 47PF, J, 16V	1	
C9001,02	ECJ1XF1C104Z	C 0.1UF, Z, 16V	2	
C9003	ECJ1VB1H822K	C 8200PF, K, 50V	1	
C9004	ECJ1VB1C823K	C 0.082UF, K, 16V	1	
C9006	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9007-09	ECJ2XB1H103K	C 0.01UF, K, 50V	3	
C9010	ECJ1XB1H102K	C 1000UF, Z, 50V	1	
C9011-13	ECJ1XF1C104Z	C 0.1UF, Z, 16V	3	
C9016	F1J0J106A013	C 0.010UF, K, 16V	1	
C9017	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9019	F1J0J106A013	C 0.010UF, K, 16V	1	
C9020	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9022	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9031	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9101-05	ECJ1XF1C104Z	C 0.1UF, Z, 16V	5	
C9107,08	ECJ1XF1C104Z	C 0.1UF, Z, 16V	2	
C9151-54	TCUY1C105ZFN	C 1UF, 16V	4	
C9155	EEEHB1C470P	C 47PF, J, 16V	1	
C9156	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9201	EEEHB1C470P	C 47PF, J, 16V	1	
C9202-13	ECJ1XB1C104K	C 0.1UF, Z, 16V	12	
C9214	EEEHB1C470P	C 47PF, J, 16V	1	
C9215-22	ECJ1XB1C104K	C 0.1UF, Z, 16V	8	
C9234	ECJ1VF1H103Z	C 0.010UF, Z, 50V	1	
C9235,36	ECJ1XF1C104Z	C 0.1UF, Z, 16V	2	
C9241	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9301	ECJ1VF1H103Z	C 0.010UF, Z, 50V	1	
C9302	ECJ2FF1C475Z	C 0.047UF, Z, 16V	1	
C9303	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9304	ECJ1VF1H103Z	C 0.010UF, Z, 50V	1	
C9305	ECJ2FF1C475Z	C 0.047UF, Z, 16V	1	
C9306	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9502	F1J0J106A013	C 0.010UF, K, 16V	1	
C9503,04	ECJ1XB1C104K	C 0.1UF, Z, 16V	2	
C9505	ECJ1XC1H150J	C 15PF, J, 50V	1	
C9506	ECJ1XC1H080D	C 8PF, D, 50V	1	
C9521-32	ECJ1XB1C104K	C 0.1UF, Z, 16V	12	
C9533	EEEHB0G221P	C 220PF, J, 4V	1	
C9541-52	ECJ1XB1C104K	C 0.1UF, Z, 16V	12	
C9553	EEEHB0G221P	C 220PF, J, 4V	1	
C9561	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9562	ECJ2FF1C475Z	C 0.047UF, Z, 16V	1	
C9602	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C9604	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C9606	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C9608	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C9610	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C9612	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C9614	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C9616	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C9618	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C9620	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C9622	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C9624	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C9626	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C9628	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C9630	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C9632	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C9634	EEEHB0G221P	C 220PF, J, 4V	1	
C9635	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C9637	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C9639	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C9641	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C9643	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C9645	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C9647	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C9649	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C9651	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C9653	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C9655	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C9657	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C9659	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C9661	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C9663	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C9665	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C9667	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C9669	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C9670	EEEHB0G221P	C 220PF, J, 4V	1	
C9671,72	ECJ1XB1C104K	C 0.1UF, Z, 16V	2	
C9676	ECJ1VC1H080D	C 8PF, C, 50V	1	
C9682,83	ECJ1XB1C104K	C 0.1UF, Z, 16V	2	
C9691	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C9692	F1J0J106A013	C 0.010UF, K, 16V	1	
C9693	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C9694	F1J0J106A013	C 0.010UF, K, 16V	1	
C9696	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9701-11	ECJ1XB1C104K	C 0.1UF, Z, 16V	11	
C9712	ECJ1XB1H102K	C 1000UF, Z, 50V	1	
C9713	ECJ1XF1H102Z	C 1000PF, Z, 50V	1	
C9715-18	TCUY1C105ZFN	C 1UF, 16V	4	
C9721-23	ECJ1XF1C104Z	C 0.1UF, Z, 16V	3	
C9724	ECJ1VC1H270J	C 27PF, J, 50V	1	
C9725	ECJ1XC1H220J	C 22PF, J, 50V	1	
C9726	ECJ1XF1H102Z	C 1000PF, Z, 50V	1	
C9733	ECJ2FF1C475Z	C 0.047UF, Z, 16V	1	
C9734	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9735	ECJ2FF1C475Z	C 0.047UF, Z, 16V	1	
C9736,37	ECJ1XF1C104Z	C 0.1UF, Z, 16V	2	
C9738	ECJ1XC1H101J	C 100PF, J, 50V	1	
C9741	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9745	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9746	ECJ1XC1H101J	C 100PF, J, 50V	1	
C9747-49	ECJ1XF1C104Z	C 0.1UF, Z, 16V	3	
C9750	ECJ1VF1H103Z	C 0.010UF, Z, 50V	1	
C9761	EEEHB1C470P	C 47PF, J, 16V	1	
C9762	ECJ1VF1H103Z	C 0.010UF, Z, 50V	1	
C9763	EEEHB1C470P	C 47PF, J, 16V	1	
C9764	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9766	EEEHB1C470P	C 47PF, J, 16V	1	
C9767	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9951	ECJ2FF1C475Z	C 0.047UF, Z, 16V	1	
C9952	F2H1E221A007	E 2.2UF, 25V	1	
C9955	EEEHB0G221P	C 220PF, J, 4V	1	
C9957	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9959	ECJ2FF1C475Z	C 0.047UF, Z, 16V	1	
C9961	ECJ2XB1H472K	C 4700PF, K, 50V	1	
C9963	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C9964	ECJ2FF1C475Z	C 0.047UF, Z, 16V	1	
C9965	F2H1E221A007	E 2.2UF, 25V	1	
C9969	ECGRL0G680R	C 68PF, J, 4V	1	
C9970	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9974	ECJ2XB1H472K	C 4700PF, K, 50V	1	
C9975	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C9981	EEEHB1C470P	C 47PF, J, 16V	1	
C9982	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9983	EEEHB0G221P	C 220PF, J, 4V	1	
C9984	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9985	F1J0J106A013	C 0.010UF, K, 16V	1	
C9986	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9988	F1J0J106A013	C 0.010UF, K, 16V	1	
C9989	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9991	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9992	EEEHB1C470P	C 47PF, J, 16V	1	
C9993	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9994	F1J0J106A013	C 0.010UF, K, 16V	1	
CB1-B7	K1MN68BA0002	68P CONNECTOR	7	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
D1	K1KA20AA0335	20P CONNECTOR	1	
D3	K1KA40AA0009	40P CONNECTOR	1	
D4	K1KA14A00248	14P CONNECTOR	1	
D5	K1KA31A00007	31P CONNECTOR	1	
D10	K1KA12AA0105	12P CONNECTOR	1	
D20	K1KA20AA0008	20P CONNECTOR	1	
D25	K1KA20AA0009	20P CONNECTOR	1	
D31,32	K1MN55BA0094	55P CONNECTOR	2	
D801	B0JCPD000026	DIODE	1	
D802,03	B0JCME000037	DIODE	2	
D1550	LNJ107W5PRW	LED	1	
D1551	MA8033L	ZENER DIODE	1	
D1554	MA8033L	ZENER DIODE	1	
D2301-03	B0JCME000037	DIODE	3	
D3001	MA111	DIODE	1	(J)
D3001	MA729	DIODE	1	(HB)
D3002	MA3100M	ZENER DIODE	1	
D3003	MA111	DIODE	1	
D3005	LNJ206R5ARA	LED	1	
D3007,08	MA111	DIODE	2	
D3061	MA728	DIODE	1	
D3501-04	MA3056M	ZENER DIODE	4	
D3507-10	MA8160H	ZENER DIODE	4	
D6001,02	B0HBSN000008	DIODE	2	
D6015	B0ECHP000003	DIODE	1	
D6020	B0HBSN000008	DIODE	1	
D6021	B0ECHP000003	DIODE	1	
D6022	B0HBSN000008	DIODE	1	
D6023	B0ECHP000003	DIODE	1	
D6024	B0HBSN000008	DIODE	1	
D6029	B0HBSN000008	DIODE	1	
D6035	MA8033L	ZENER DIODE	1	
D6036	MA111	DIODE	1	
D6040,41	B0ECHP000003	DIODE	2	
D6051	B0ECHP000003	DIODE	1	
D6052,53	B0JCME000037	DIODE	2	
D6054	B0ECHP000003	DIODE	1	
D6055	B0JCME000037	DIODE	1	
D6057	B0ECHP000003	DIODE	1	
D6058,59	MA111	DIODE	2	
D6062	MA111	DIODE	1	
D6063	MA8051L	ZENER DIODE	1	
D6064	MA111	DIODE	1	
D6065	LNJ301MPUJA	LED	1	
D6066,67	MA8330M	ZENER DIODE	2	
D6451	B0JCME000037	DIODE	1	
D6452,53	MA111	DIODE	2	
D6455	MA111	DIODE	1	
D6456	B0ECHP000003	DIODE	1	
D6459	MA111	DIODE	1	
D6460,61	B0HCKS000002	DIODE	2	
D6462	B0JCME000037	DIODE	1	
D6463	MA8056H	ZENER DIODE	1	
D6464	B0JCME000037	DIODE	1	
D6465,66	MA8330M	ZENER DIODE	2	
D6467	B0ECHP000003	DIODE	1	
D6468	MA111	DIODE	1	
D6470,71	MA111	DIODE	2	
D6473	MA111	DIODE	1	
D6475	MA111	DIODE	1	
D6476	B0ECHP000003	DIODE	1	
D6477	MA111	DIODE	1	
D6478	B0HCKS000002	DIODE	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
D6479	MA111	DIODE	1	
D6481,82	MA8330M	ZENER DIODE	2	
D6483-90	MA8056H	ZENER DIODE	8	
D6491,92	B0ECHP000003	DIODE	2	
D6495	B0HCKS000002	DIODE	1	
D6496	B0JCME000037	DIODE	1	
D6501,02	MA111	DIODE	2	
D6503	MA8056H	ZENER DIODE	1	
D6509	MA111	DIODE	1	
D6511	B0HCMM000014	DIODE	1	
D6512-14	MA111	DIODE	3	
D6515	MA8240M	ZENER DIODE	1	
D6516	MA111	DIODE	1	
D6519	MA111	DIODE	1	
D6520	B0JCKG000002	DIODE	1	
D6521	B0ECHP000003	DIODE	1	
D6522	MA111	DIODE	1	
D6523	B0ECHP000003	DIODE	1	
D6524	MA8051L	ZENER DIODE	1	
D6525	MA111	DIODE	1	
D6526	B0HCMM000014	DIODE	1	
D6527	MA111	DIODE	1	
D6529	B0JCME000037	DIODE	1	
D6541	B0HCKS000002	DIODE	1	
D6542	MA111	DIODE	1	
D6543	B0HCKS000002	DIODE	1	
D6544	MA111	DIODE	1	
D6545	MA8051L	ZENER DIODE	1	
D6546-48	MA8330M	ZENER DIODE	3	
D6549,50	MA111	DIODE	2	
D6551	B0JCME000037	DIODE	1	
D6552,53	MA111	DIODE	2	
D6554	B0HCKS000002	DIODE	1	
D6570	B0HCMM000014	DIODE	1	
D6572	B0ECHP000003	DIODE	1	
D6582	MA8051L	ZENER DIODE	1	
D6583	LNJ301MPUJA	LED	1	
D6584	MA111	DIODE	1	
D6585,86	MA8330M	ZENER DIODE	2	
D6601,02	B0HBSN000008	DIODE	2	
D6615	B0ECHP000003	DIODE	1	
D6620	B0HBSN000008	DIODE	1	
D6621	B0ECHP000003	DIODE	1	
D6622	B0HBSN000008	DIODE	1	
D6623	B0ECHP000003	DIODE	1	
D6624	B0HBSN000008	DIODE	1	
D6629	B0HBSN000008	DIODE	1	
D6635	MA8033L	ZENER DIODE	1	
D6636	MA111	DIODE	1	
D6640	B0ECHP000003	DIODE	1	
D6647	B0ECHP000003	DIODE	1	
D6901-03	MA8056H	ZENER DIODE	3	
D6905	B0ECHP000003	DIODE	1	
D6909,10	B0ECHP000003	DIODE	2	
D6956,57	MA8056H	ZENER DIODE	2	
D6961,62	B0ECHP000003	DIODE	2	
D8001	MA111	DIODE	1	
D8003	MA111	DIODE	1	
D8010,11	MA153	DIODE	2	
D8180	MA111	DIODE	1	
D8181	MA8056-M	DIODE	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
D8183	MA8033L	ZENER DIODE	1	
D8184,85	MA8056-M	DIODE	2	
D8200	MA3150M	ZENER DIODE	1	
D8201	MA111	DIODE	1	
D8203	MA3100M	ZENER DIODE	1	
D8204	MA111	DIODE	1	
D9301,02	MA152K	DIODE	2	
D9702-05	MA3033	ZENER DIODE	4	
D9707	MA728	DIODE	1	
D9711-13	MA152K	DIODE	3	
D9715	MA728	DIODE	1	
D9721	MA3036H	ZENER DIODE	1	
D9731	MA728	DIODE	1	
D9732-35	MA152K	DIODE	4	
D9951,52	B0JCPE000004	DIODE	2	
FL3000-03	F1J1E1040022	LC FILTER	4	
FL3006-10	F1J1E1040022	LC FILTER	5	
FL7106	J0HABH000013	LC FILTER	1	
FL7201	J0HABH000013	LC FILTER	1	
FL9001	J0MAB0000175	LC FILTER	1	
FL9601-03	F1J1E1040022	LC FILTER	3	
FL9701-03	F1J1E1040022	LC FILTER	3	
FL9705-09	F1J1E1040022	LC FILTER	5	
H0	K1KA08AA0150	8P CONNECTOR	1	
H1	K1KA80B00037	80P CONNECTOR	1	(HA)
H1	K1KA80B00037	80P CONNECTOR	1	(HB)
H37	K1KA03AA0190	3P CONNECTOR	1	
HX1	K1KB22A00036	22P CONNECTOR	1	
IC801-03	C0DBAMH00013	IC	3	
IC804	C0CBCAC00275	IC	1	
IC2301,02	C1BA00000383	IC	2	
IC2303	C1BB00001006	IC	1	
IC2305	C0ABBA000168	IC	1	
IC3001	C0JBAR000419	IC	1	(HB)
IC3001	MC14052BF	MOS IC (CMOS GATE ARRLY)	1	(J)
IC3002	C0ABGB000001	IC	1	(HB)
IC3002	C0JBBR000002	IC	1	(J)
IC3002	C3EAGC000027	IC	1	(HA)
IC3003	C0ABGB000001	IC	1	(HB)
IC3003	CXA1315M	LINEAR IC	1	(J)
IC3004	CXA1875AM	LINEAR IC	1	
IC3005	C1AB00002311	IC	1	
IC3007,08	C0JBAS000215	IC	2	
IC3101	C0DBEZG00018	IC	1	(HB)
IC3101	C1AB00002238	IC	1	(J)
IC3102	C0DBZLB00003	IC	1	
IC3103	C1AB00002158	IC	1	
IC3104	PST9128NR	IC (LOGIC)	1	
IC3105	C0JBAZ002269	IC	1	
IC3150	C0JBAA000419	IC	1	
IC3201	C3HBKZ000002	IC	1	
IC3251	C0ZBZ0000967	IC	1	
IC3301	MM1065ZMR	LINEAR IC	1	
IC3302	C0DBEZG00018	IC	1	
IC3303	AN80L25RMS	IC	1	
IC3304	C0JBAZ002344	IC	1	
IC3305	JLC1562BF	MOS IC (MICON LSI)	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
IC3502	TVRN649	IC	1	
IC3699	C3EBGC000065	IC	1	
IC6001-03	C0ZBZ0000895	IC	3	
IC6004	C0ZBZ0001033	IC	1	
IC6005	NJM2903M	INTEGRATED CIRCUIT	1	
IC6006	C0JBAZ000005	IC	1	
IC6011	AN1431M	LINEAR IC	1	
IC6451	AN1431M	LINEAR IC	1	
IC6452,53	C0CBALC00010	IC	2	
IC6454,55	C0CBADC00075	IC	2	
IC6456	AN1431M	LINEAR IC	1	
IC6471,72	AN1431M	LINEAR IC	2	
IC6491	AN1431M	LINEAR IC	1	
IC6501,02	C0JBAZ000994	IC	2	
IC6511	C0ZBZ0001033	IC	1	
IC6512	C0CBADC00075	IC	1	
IC6521	C0ZBZ0001033	IC	1	
IC6541,42	C0ZBZ0001033	IC	2	
IC6543	C0CBADC00075	IC	1	
IC6581	NJM2903M	INTEGRATED CIRCUIT	1	
IC6601,02	C0ZBZ0000895	IC	2	
IC6605,06	C0JBAZ000005	IC	2	
IC6607	C0JBAA000174	IC	1	
IC6901-04	AN16021A-VT	IC	4	
IC6955-58	AN16021A-VT	IC	4	
IC7101	C0JBAZ001120	IC	1	
IC7104-06	C0JBAZ001120	IC	3	
IC7201-04	C0JBAZ001120	IC	4	
IC8001	MC14052BF	MOS IC (CMOS GATE ARRLY)	1	
IC8003	C1AA00000706	IC	1	
IC8005	C0JBAB000646	IC	1	
IC8007	C0JBAR000419	IC	1	
IC8009	C0JBAS000215	IC	1	
IC8014	C0ZBZ0000911	IC	1	
IC8016	C0JBAZ001934	IC	1	
IC8100	C0CBAKG00008	IC	1	
IC8181	C1DB00001208	IC	1	
IC9001	C0FBAD000102	IC	1	
IC9002	C0CBCBC00190	IC	1	
IC9031	C0JBAZ002198	IC	1	
IC9101	C0ZBZ0000764	IC	1	
IC9102	C0JBAZ002198	IC	1	
IC9103	C0JBAE000354	IC	1	
IC9151-54	C0JBAZ000856	IC	4	
IC9201	C1ZBZ0002917	IC	1	
IC9202	C0EBD0000038	IC	1	
IC9203	TVRN628	IC	1	
IC9303	TVRN627	IC	1	
IC9500	C1ZBZ0002769	IC	1	
IC9601	MN84513-A	IC	1	
IC9602,03	C3ABPJ000071	IC	2	
IC9605	PST9128NR	IC (LOGIC)	1	
IC9701	MN102H90MPD	IC	1	
IC9702	TVRN500	IC	1	
IC9703	TVRN631	IC	1	TH-37PWD8GK/GS/UK
IC9703	TVRN632	IC	1	TH-37PWD8BK/BS/EK/ES PAVCCZ
IC9704	C0EBE0000447	IC	1	
IC9711	C0JBAE000354	IC	1	
IC9713	C0JBAS000215	IC	1	
IC9714	C0JBAZ000856	IC	1	
IC9715	C0JBAE000354	IC	1	
IC9951	C0DBAMH00013	IC	1	
IC9952	C0DBAMH00014	IC	1	
IC9953	C0DBEJG00001	IC	1	
IC9954	C0DBEGE00002	IC	1	
IC9955	C0CBCAC00282	IC	1	
J1	K1KA20AA0335	20P CONNECTOR	1	
J2	K1KA06BA0047	6P CONNECTOR	1	
J3	K1KA40AA0009	40P CONNECTOR	1	
J4	K1KA11BA0051	11P CONNECTOR	1	
J5	K1KA21B00008	21P CONNECTOR	1	
J6	K1KA21B00009	21P CONNECTOR	1	
J7,J8	K1KA03BA0055	3P CONNECTOR	2	
J10	K1KA06BA0050	6P CONNECTOR	1	
J11,12	K1KB80B00024	80P CONNECTOR	2	
J14	K1KA22A00067	22P CONNECTOR	1	
J15	K1KA03BA0047	3P CONNECTOR	1	
JK3001	K1CB106B0027	CONNECTOR	1	(HB)
JK3001	K1QBB3BB0002	CONNECTOR	1	(HA)
JK3002	K1QBB2AB0005	CONNECTOR	1	(HB)
JK3002	K2HA204B0097	JACK	1	(HA)
JK3004	K2HA204B0097	JACK	1	
JK3509	K1FB109BA018	CONNECTOR	1	
JK3511	K1FB115BA020	CONNECTOR	1	
JK3513	K2HC103B0105	JACK	1	
JK8500	K4BC02B00013	TERMINAL	1	
JS801-16	ERJ6GEY0R00	M 0 OHM, 1/10W	16	
JS3001-08	ERJ3GEY0R00	M 0 OHM, 1/16W	8	
JS3011-16	ERJ3GEY0R00	M 0 OHM, 1/16W	6	
JS3301-06	ERJ3GEY0R00	M 0 OHM, 1/16W	6	
JS3308-10	ERJ3GEY0R00	M 0 OHM, 1/16W	3	
JS8094-97	J0JCC0000100	CHIP INDUCTOR	4	
L801	G1C470MA0078	INDUCTOR COIL	1	
L802	G1C101MA0078	INDUCTION COIL	1	
L803	G1C220MA0078	INDUCTION COIL	1	
L804-11	J0JHC0000078	CHIP INDUCTOR	8	
L1501-08	J0JHC0000078	CHIP INDUCTOR	8	
L2330,31	G0A221ZA0041	CHOKE COIL	2	
L3001	J0HABB000003	LC FILTER	1	(HB)
L3001	J0HABB000004	LC FILTER	1	(J)
L3002	G1C100K00020	INDUCTION COIL	1	(J)
L3002	J0HABB000004	LC FILTER	1	(HA)
L3002	J0HABB000004	LC FILTER	1	(HB)
L3003	G1C100K00020	INDUCTION COIL	1	(J)
L3003	J0HABB000004	LC FILTER	1	(HA)
L3003	J0HABB000004	LC FILTER	1	(HB)
L3004	J0HABB000003	LC FILTER	1	
L3005	ERJ3GEY0R00	M 0 OHM, 1/16W	1	(HB)
L3005	G1C100K00020	INDUCTION COIL	1	(J)
L3005	J0HABB000003	LC FILTER	1	(HA)
L3006	ELJPA100KB	CHIP INDUCTOR	1	(HA)
L3006	G1C100K00020	INDUCTION COIL	1	(J)
L3006	J0E8004B0008	LC FILTER	1	(HB)
L3007	G1C2R2K00006	INDUCTION COIL	1	
L3050	G1C100K00020	INDUCTION COIL	1	
L3051,52	ELJNA1R5JF	INDUCTION COIL	2	
L3102-04	ELJPA100KB	CHIP INDUCTOR	3	
L3140	J0JHC0000078	CHIP INDUCTOR	1	
L3201	ELJPA100KB	CHIP INDUCTOR	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
L3251,52	ELJPA2R2MF	CHIP INDUCTOR	2	
L3305-08	ELKE103FA	NOISE FILTER	4	
L3507-09	J0HABB000004	LC FILTER	3	
L3510-17	TLK212T256AL	EMI FILTER	8	
L3526	ELJPA100KB	CHIP INDUCTOR	1	
L3555	ELJPA100KB	CHIP INDUCTOR	1	
L6002-04	G0ZZ00002183	PEAKING COIL	3	
L6005	G0C101K00023	PEAKING COIL	1	
L6011-13	G0AR60MA0003	CHOKE COIL	3	
L6014	G0A1R0MA0003	CHOKE COIL	1	
L6016	G0A1R0MA0003	CHOKE COIL	1	
L6017,18	J0JJC0000021	CHIP INDUCTOR	2	
L6019	G0ZZ00002183	PEAKING COIL	1	
L6022	J0JJC0000021	CHIP INDUCTOR	1	
L6024-27	G0ZZ00002183	PEAKING COIL	4	
L6034-37	G0ZZ00002183	PEAKING COIL	4	
L6042,43	J0JJC0000021	CHIP INDUCTOR	2	
L6047	J0JJC0000021	CHIP INDUCTOR	1	
L6050	G0ZZ00002183	PEAKING COIL	1	
L6451	J0JJC0000021	CHIP INDUCTOR	1	
L6453	J0JJC0000021	CHIP INDUCTOR	1	
L6471	J0JJC0000021	CHIP INDUCTOR	1	
L6472	G0ZZ00002183	PEAKING COIL	1	
L6602	G0ZZ00002183	PEAKING COIL	1	
L6604,05	G0ZZ00002183	PEAKING COIL	2	
L6611-13	G0AR60MA0003	CHOKE COIL	3	
L6614	G0A1R0MA0003	CHOKE COIL	1	
L6616	G0A1R0MA0003	CHOKE COIL	1	
L6618	J0JJC0000021	CHIP INDUCTOR	1	
L6624-27	G0ZZ00002183	PEAKING COIL	4	
L6634-37	G0ZZ00002183	PEAKING COIL	4	
L6647	J0JJC0000021	CHIP INDUCTOR	1	
L8001	G1C100K00020	INDUCTION COIL	1	
L8003	G1C100K00020	INDUCTION COIL	1	
L8005	G1C100K00020	INDUCTION COIL	1	
L8101-08	J0JHC0000078	CHIP INDUCTOR	8	
L8181	G1C100K00020	INDUCTION COIL	1	
L8501,02	G0A2R5H00003	CHOKE COIL	2	
L9204-06	J0JHC0000096	CHIP INDUCTOR	3	
L9501	G1C150KA0038	INDUCTION COIL	1	
L9951,52	G1C150MA0169	INDUCTION COIL	2	
LL6605	G0ZZ00002183	PEAKING COIL	1	
PC6458	B3PBA0000223	DIODE	1	
PC6467	B3PBA0000223	DIODE	1	
PC6469	B3PBA0000223	DIODE	1	
PC6474	B3PBA0000223	DIODE	1	
PC6480	B3PBA0000223	DIODE	1	
PC6503	B3PBA0000233	IC	1	
PC6505	B3PBA0000233	IC	1	
PC6507	B3PBA0000233	IC	1	
PC6509,10	B3PBA0000234	IC	2	
PC6517	B3PBA0000223	DIODE	1	
Q1540	2SD601A	TRANSISTOR	1	
Q2300	B1BBCF000028	TRANSISTOR	1	
Q2331	B1BBCF000028	TRANSISTOR	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
Q2333,34	2SD601A	TRANSISTOR	2	
Q2370,71	2SB709A	TRANSISTOR	2	
Q2372	2SD601A	TRANSISTOR	1	
Q3001	2SB709A	TRANSISTOR	1	(J)
Q3001	2SD601A	TRANSISTOR	1	(HA)
Q3001	2SD601A	TRANSISTOR	1	(HB)
Q3002	2SD601A	TRANSISTOR	1	(HA)
Q3002	2SD601A	TRANSISTOR	1	(HB)
Q3003	2SD601A	TRANSISTOR	1	(HB)
Q3003,04	2SD601A	TRANSISTOR	2	(J)
Q3005	2SD601A	TRANSISTOR	1	
Q3006,07	2SB709A	TRANSISTOR	2	
Q3023	2SD601A	TRANSISTOR	1	
Q3051,52	2SD601A	TRANSISTOR	2	
Q3101	2SB709A	TRANSISTOR	1	(HB)
Q3101	2SD601A	TRANSISTOR	1	(J)
Q3102	2SD1030	TRANSISTOR	1	(HB)
Q3102,03	2SD601A	TRANSISTOR	2	(J)
Q3104	2SD1030	TRANSISTOR	1	
Q3531,32	2SD601A	TRANSISTOR	2	
Q6001-03	B1JADN000001	TRANSISTOR	3	
Q6006-08	B1JADN000001	TRANSISTOR	3	
Q6011	2SD2185	TRANSISTOR	1	
Q6012	2SB1073001TV	TRANSISTOR	1	
Q6013	2SD2185	TRANSISTOR	1	
Q6014	2SB1073001TV	TRANSISTOR	1	
Q6021	2SK3996000VP	FET	1	
Q6024	2SK3996000VP	FET	1	
Q6025	2SK620	FET	1	
Q6041,42	2SK373100L	TRANSISTOR	2	
Q6045	2SK326800L	FET	1	
Q6046	2SK373100L	TRANSISTOR	1	
Q6051	2SD1263A	TRANSISTOR	1	
Q6052	2SC1473A	TRANSISTOR	1	
Q6056	2SD601A	TRANSISTOR	1	
Q6451	2SD1263A	TRANSISTOR	1	
Q6454	2SC1473A	TRANSISTOR	1	
Q6461	B1BBCJ000004	TRANSISTOR	1	
Q6462	2SB0709A	TRANSISTOR	1	
Q6463	2SD601A	TRANSISTOR	1	
Q6471	B1BBCJ000004	TRANSISTOR	1	
Q6472	2SB0709A	TRANSISTOR	1	
Q6474	2SD814A	TRANSISTOR	1	
Q6476,77	2SD601A	TRANSISTOR	2	
Q6491	2SD1263A	TRANSISTOR	1	
Q6492	2SC1473A	TRANSISTOR	1	
Q6501-05	2SK620	FET	5	
Q6511,12	B1DFGL000008	TRANSISTOR	2	
Q6520	2SD601A	TRANSISTOR	1	
Q6521	B1DFES000002	TRANSISTOR	1	
Q6522-28	2SK400000L	FET	7	
Q6530	2SB1073001TV	TRANSISTOR	1	
Q6541	2SB1073001TV	TRANSISTOR	1	
Q6542	2SK399500L	FET	1	
Q6544-46	2SK399500L	FET	3	
Q6548	2SK399500L	FET	1	
Q6551	2SD601A	TRANSISTOR	1	
Q6552	B1DEET000002	TRANSISTOR	1	
Q6553	2SB1073001TV	TRANSISTOR	1	
Q6554	2SD2185	TRANSISTOR	1	
Q6555	B1DFES000002	TRANSISTOR	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
Q6581	2SD601A	TRANSISTOR	1	
Q6583,84	2SK620	FET	2	
Q6601-03	B1JADN000001	TRANSISTOR	3	
Q6606-08	B1JADN000001	TRANSISTOR	3	
Q6611	2SD2185	TRANSISTOR	1	
Q6612	2SB1073001TV	TRANSISTOR	1	
Q6613	2SD2185	TRANSISTOR	1	
Q6614	2SB1073001TV	TRANSISTOR	1	
Q6621	2SK3996000VP	FET	1	
Q6624	2SK3996000VP	FET	1	
Q6901	2SK620	FET	1	
Q8002	2SD601A	TRANSISTOR	1	
Q8010	2SD601A	TRANSISTOR	1	
Q8011	2SB709A	TRANSISTOR	1	
Q8012	2SD601A	TRANSISTOR	1	
Q8013	2SB709A	TRANSISTOR	1	
Q8019	2SD601A	TRANSISTOR	1	
Q8181-84	2SK2731T146	TRANSISTOR	4	
Q8200-02	2SD601A	TRANSISTOR	3	
Q9201,02	2SD601A	TRANSISTOR	2	
Q9301-03	2SD601A	TRANSISTOR	3	
Q9701	2SK2731T146	TRANSISTOR	1	
Q9702-07	2SD601A	TRANSISTOR	6	
Q9708	2SK2731T146	TRANSISTOR	1	
Q9709-12	2SD601A	TRANSISTOR	4	
Q9951-53	2SD601A	TRANSISTOR	3	
R801	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R802	ERJ3GEYJ223	M 22KOHM,J,1/16W	1	
R803	ERJ3EKF9102	M91.0KOHM, 1/16W	1	
R804	ERJ3GEYJ394	M 390KOHM,J,1/16W	1	
R805	ERJ3EKF8452	M84.5KOHM, 1/16W	1	
R806	ERJ3EKF1052	M10.5KOHM, 1/16W	1	
R808,09	ERJ6GEY0R00	M 0 OHM, 1/10W	2	
R810	ERJ3GEYJ223	M 22KOHM,J,1/16W	1	
R811	ERJ3EKF9102	M91.0KOHM, 1/16W	1	
R812	ERJ3GEYJ823	M 82KOHM,J,1/16W	1	
R813	ERJ3EKF4222	M42.2KOHM, 1/16W	1	
R814	ERJ3EKF1052	M10.5KOHM, 1/16W	1	
R815	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R816,17	ERJ6GEY0R00	M 0 OHM, 1/10W	2	
R818	ERJ3GEYJ223	M 22KOHM,J,1/16W	1	
R819	ERJ3EKF9102	M91.0KOHM, 1/16W	1	
R820	ERJ3GEYJ823	M 82KOHM,J,1/16W	1	
R821	ERJ3EKF2432	M24.3KOHM, 1/16W	1	
R822	ERJ3EKF1052	M10.5KOHM, 1/16W	1	
R823	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R824	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R825-27	ERJ3GEYJ822	M 8.2KOHM,J,1/16W	3	
R1500	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R1510	ERJ3GEYF222	M 2.2KOHM, 1/16W	1	
R1511	ERJ3GEYF302	M 3.0KOHM, 1/16W	1	
R1512	ERJ3GEYF472	M 4.7KOHM, 1/16W	1	
R1513	ERJ3GEYF822	M 8.2KOHM,J,1/16W	1	
R1550	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R1551	ERJ6GEYJ470	M 47 OHM,J,1/10W	1	
R1552	ERJ6GEYJ224	M 220KOHM,J,1/10W	1	
R1553	ERJ6GEYJ471	M 470 OHM,J,1/10W	1	
R1554	ERJ6GEYJ271	M 270 OHM,J,1/10W	1	
R2351-54	ERJ6GEYJ103	M 10KOHM,J,1/10W	4	
R2355-60	ERDS1FJ2R2	C 2.2 OHM, J,1/2W	6	
R2365	ERX1FJSR56D	M0.56 OHM, J, 1W	1	
R2367	ERJ6GEYJ332	M 3.3KOHM,J,1/10W	1	
R2368,69	ERJ6GEYJ103	M 10KOHM,J,1/10W	2	
R2370	ERJ6GEYJ222	M 2.2KOHM,J,1/10W	1	
R2371,72	ERJ6GEYJ102	M 1KOHM,J,1/10W	2	
R2373	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R2374	ERX1FJSR56D	M0.56 OHM, J, 1W	1	
R2376	ERJ6GEYJ332	M 3.3KOHM,J,1/10W	1	
R2377	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R2383	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R2384	ERJ6GEYJ473	M 47KOHM,J,1/10W	1	
R2385	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R2386	ERJ6GEYJ562	M 5.6KOHM,J,1/10W	1	
R2387	ERJ6GEYJ182	M 1.8KOHM,J,1/10W	1	
R2388	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R2389-92	ERJ6GEYJ103	M 10KOHM,J,1/10W	4	
R2393	ERJ6GEYJ220	M 22 OHM,J,1/10W	1	
R2394-96	ERJ6GEYJ103	M 10KOHM,J,1/10W	3	
R2397	ERJ6GEYJ512	M 5.1KOHM,J,1/10W	1	
R2398	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R2399,00	ERJ6GEYJ220	M 22 OHM,J,1/10W	2	
R2404-07	ERJ6GEYJ103	M 10KOHM,J,1/10W	4	
R2408-11	ERJ6GEY0R00	M 0 OHM, 1/10W	4	
R2412	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R2413	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R2414	ERJ3GEYJ122	M 1.2KOHM,J,1/16W	1	
R2415	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R2416	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R2417	ERJ3GEYJ122	M 1.2KOHM,J,1/16W	1	
R2418,19	ERJ3GEYJ473	M 47KOHM,J,1/16W	2	
R2420	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R2421,22	ERJ3GEYJ183	M 18KOHM,J,1/16W	2	
R2423	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R3001	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	(J)
R3001	ERJ6ENF75R0	M 75 OHM, 1/10W	1	(HB)
R3002	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	(J)
R3002	ERJ6ENF75R0	M 75 OHM, 1/10W	1	(HB)
R3003	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	(HB)
R3003	ERJ3GEYJ473	M 47KOHM,J,1/16W	1	(J)
R3004	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	(J)
R3004	ERJ6ENF75R0	M 75 OHM, 1/10W	1	(HB)
R3004	ERJ6GEYJ184	M 180KOHM,J,1/10W	1	(HA)
R3005	ERJ3GEYJ332	M 3.3KOHM,J,1/16W	1	(J)
R3005	ERJ6ENF75R0	M 75 OHM, 1/10W	1	(HB)
R3005	ERJ6GEYJ184	M 180KOHM,J,1/10W	1	(HA)
R3006	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	(HB)
R3006	ERJ3GEYJ332	M 3.3KOHM,J,1/16W	1	(J)
R3006	TAJAAH0101JV	M 100 OHM,J,1/16W	1	(HA)
R3007	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	(J)
R3007	ERJ3GEYJ104	M 100KOHM,J,1/16W	1	(HB)
R3007	TAJAAH0101JV	M 100 OHM,J,1/16W	1	(HA)
R3008	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	(J)
R3008	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	(HB)
R3009,10	D0GB101JA002	M 100 OHM,J,1/16W	2	
R3011	ERJ3GEYJ222	M 2.2KOHM,J,1/16W	1	
R3012	D0GB333JA002	M 33KOHM,J,1/16W	1	
R3013	ERJ3GEYJ222	M 2.2KOHM,J,1/16W	1	
R3014	D0GB333JA002	M 33KOHM,J,1/16W	1	
R3015	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	(HA)
R3015	ERJ3GEYJ333	M 33KOHM,J,1/16W	1	(HB)
R3015	J0JCC0000100	CHIP INDUCTOR	1	(J)
R3016	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	(HA)
R3016	TAJAAH0101JV	M 100 OHM,J,1/16W	1	(HB)
R3017	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	(HA)
R3017	J0JCC0000100	CHIP INDUCTOR	1	(J)
R3017	TAJAAH0101JV	M 100 OHM,J,1/16W	1	(HB)
R3018	J0JCC0000100	CHIP INDUCTOR	1	(J)

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R3018	TAJAAH0101JV	M 100 OHM,J,1/16W	1	(HA)
R3018	TAJAAH0101JV	M 100 OHM,J,1/16W	1	(HB)
R3019	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	(HB)
R3019	TAJAAH0101JV	M 100 OHM,J,1/16W	1	(HA)
R3020	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	(HB)
R3020	J0JCC0000100	CHIP INDUCTOR	1	(J)
R3021	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	(HB)
R3021	J0JCC0000100	CHIP INDUCTOR	1	(J)
R3022	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	(HA)
R3022	J0JCC0000100	CHIP INDUCTOR	1	(J)
R3022	TAJAAH0101JV	M 100 OHM,J,1/16W	1	(HB)
R3023	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	(J)
R3023	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	(HA)
R3023	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	(HB)
R3024	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	(J)
R3024	TAJAAH0101JV	M 100 OHM,J,1/16W	1	(HB)
R3025	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	(J)
R3025	TAJAAH0101JV	M 100 OHM,J,1/16W	1	(HA)
R3025	TAJAAH0101JV	M 100 OHM,J,1/16W	1	(HB)
R3026	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	(J)
R3026	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	(HB)
R3026	TAJAAH0101JV	M 100 OHM,J,1/16W	1	(HA)
R3027	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	(HB)
R3027,28	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	(J)
R3028	TAJAAH0101JV	M 100 OHM,J,1/16W	1	(HB)
R3029	ERJ3EKF2200	M 220 OHM, 1/16W	1	(HB)
R3029	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	(J)
R3030	ERJ3EKF3900	M 390 0HM, 1/16W	1	(HB)
R3030	J0JCC0000100	CHIP INDUCTOR	1	(J)
R3031	ERJ3EKF4700	M 470 OHM, 1/16W	1	(HB)
R3031	J0JCC0000100	CHIP INDUCTOR	1	(J)
R3032	ERJ3EKF1200	M 120 OHM, 1/16W	1	(HB)
R3032,33	J0JCC0000100	CHIP INDUCTOR	2	(J)
R3033	TAJAAH0101JV	M 100 OHM,J,1/16W	1	(HB)
R3034	ERJ3GEYJ331	M 330 OHM,J,1/16W	1	
R3035	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	(HB)
R3035	ERJ3GEYJ331	M 330 OHM,J,1/16W	1	(J)
R3036	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	(HB)
R3036	ERJ3GEYJ331	M 330 OHM,J,1/16W	1	(J)
R3036	ERJ6ENF1800	M 180 OHM, 1/10W	1	(HB)
R3037	ERJ3EKF2200	M 220 OHM, 1/16W	1	(HB)
R3037	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	(HA)
R3037	J0JCC0000100	CHIP INDUCTOR	1	(J)
R3038	ERJ3GEYJ272	M 2.7KOHM,J,1/16W	1	(HB)
R3038	J0JCC0000100	CHIP INDUCTOR	1	(J)
R3039	ERJ3GEYJ331	M 330 OHM,J,1/16W	1	
R3040	ERJ3EKF3300	M 330 OHM, 1/16W	1	(HB)
R3040	ERJ3GEYJ331	M 330 OHM,J,1/16W	1	(J)
R3041	ERJ3EKF1800	M 180 OHM, 1/16W	1	(HB)
R3041	ERJ3GEYJ331	M 330 OHM,J,1/16W	1	(J)
R3041	ERJ6GEY0R00	M 0 OHM, 1/10W	1	(HA)
R3042	ERJ3EKF6801	M 6.8KOHM, 1/16W	1	(HB)
R3042	ERJ6GEY0R00	M 0 OHM, 1/10W	1	(HA)
R3042	J0JCC0000100	CHIP INDUCTOR	1	(J)
R3043	ERJ3GEYJ561	M 560 OHM,J,1/16W	1	(HB)
R3043	J0JCC0000100	CHIP INDUCTOR	1	(J)
R3044	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R3044	ERJ3GEYJ333	M 33KOHM,J,1/16W	1	(HB)
R3045	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	(J)
R3045	ERJ3GEYJ333	M 33KOHM,J,1/16W	1	(HB)
R3046	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	(J)
R3046	TAJAAH0101JV	M 100 OHM,J,1/16W	1	(HB)
R3047	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	(HB)
R3047	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	(J)
R3048	ERJ3GEYJ334	M 330KOHM,J,1/16W	1	(J)
R3048	TAJAAH0101JV	M 100 OHM,J,1/16W	1	(HB)
R3049	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	(HB)
R3049	ERJ3GEYJ334	M 330KOHM,J,1/16W	1	(J)
R3050	ERJ6ENF75R0	M 75 OHM, 1/10W	1	
R3051	ERJ3GEYJ333	M 33KOHM,J,1/16W	1	(HB)
R3051	ERJ3GEYJ334	M 330KOHM,J,1/16W	1	(J)

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R3052	ERJ3GEYJ333	M 33KOHM,J,1/16W	1	(HB)
R3052	ERJ3GEYJ334	M 330KOHM,J,1/16W	1	(J)
R3053	ERJ3GEYJ153	M 15KOHM,J,1/16W	1	(HB)
R3053	ERJ3GEYJ560	M 56 OHM,J,1/16W	1	(J)
R3054	ERJ3GEYJ333	M 33KOHM,J,1/16W	1	(HB)
R3054	ERJ3GEYJ560	M 56 OHM,J,1/16W	1	(J)
R3055	ERJ3GEYJ153	M 15KOHM,J,1/16W	1	(HB)
R3055	ERJ3GEYJ334	M 330KOHM,J,1/16W	1	(J)
R3056	ERJ3GEYJ333	M 33KOHM,J,1/16W	1	(HB)
R3056	ERJ3GEYJ334	M 330KOHM,J,1/16W	1	(J)
R3057	ERJ3GEYJ560	M 56 OHM,J,1/16W	1	(J)
R3057	TAJAAH0101JV	M 100 OHM,J,1/16W	1	(HB)
R3058	ERJ3GEYJ560	M 56 OHM,J,1/16W	1	(J)
R3058	TAJAAH0101JV	M 100 OHM,J,1/16W	1	(HB)
R3059,60	ERJ3GEYJ102	M 1KOHM,J,1/16W	2	(J)
R3060	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	(HB)
R3061	ERJ3GEYJ561	M 560 OHM,J,1/16W	1	(HB)
R3061	J0JCC0000100	CHIP INDUCTOR	1	(J)
R3062	ERJ3GEYJ561	M 560 OHM,J,1/16W	1	(HB)
R3062	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	(J)
R3063	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	
R3064	ERJ6GEYJ560	M 56 OHM,J,1/10W	1	
R3065	ERJ6GEY0R00	M 0 OHM, 1/10W	1	(HB)
R3065,66	ERJ6GEYJ560	M 56 OHM,J,1/10W	2	(J)
R3070-72	ERJ6ENF75R0	M 75 OHM, 1/10W	3	
R3076-81	ERJ6GEYJ560	M 56 OHM,J,1/10W	6	
R3082	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	
R3088-93	ERJ6ENF75R0	M 75 OHM, 1/10W	6	
R3101	ERJ3GEYJ220	M 22 OHM,J,1/16W	1	(HB)
R3101	ERJ6ENF1800	M 180 OHM, 1/10W	1	(J)
R3102	ERJ3GEY0R00	M 0 OHM, 1/16W	1	(HB)
R3102,03	ERJ6ENF1800	M 180 OHM, 1/10W	2	(J)
R3104	ERJ3GEYJ220	M 22 OHM,J,1/16W	1	(HB)
R3104,05	ERJ6ENF1800	M 180 OHM, 1/10W	2	(J)
R3106	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	(HB)
R3106	ERJ6ENF1800	M 180 OHM, 1/10W	1	(J)
R3107	ERJ3GEYJ330	M 33 OHM,J,1/16W	1	
R3108	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R3110	ERJ6ENF4701	M 4.7KOHM, 1/10W	1	
R3111	ERJ6ENF1501	M 1.5KOHM, 1/10W	1	
R3112,13	ERJ3EKF1501	M 1.5KOHM, 1/16W	2	
R3114	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R3115	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R3116	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	(J)
R3116	ERJ6GEY0R00	M 0 OHM, 1/10W	1	(HB)
R3117	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	(HB)
R3117	J0JCC0000100	CHIP INDUCTOR	1	(J)
R3118	ERJ3GEY0R00	M 0 OHM, 1/16W	1	(HB)
R3118	ERJ6ENF8200	M 820 OHM, 1/10W	1	(J)
R3119	ERJ3GEYJ121	M 120 OHM,J,1/16W	1	
R3120	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R3121	ERJ3GEYJ121	M 120 OHM,J,1/16W	1	
R3122	ERJ3EKF8201	M 8.2KOHM, 1/16W	1	
R3123	ERJ3EKF1502	M 15KOHM, 1/16W	1	
R3124	ERJ3EKF10R0	M 10 OHM, 1/16W	1	
R3125	ERJ3GEY0R00	M 0 OHM, 1/16W	1	(HB)
R3125	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	(J)
R3126	J0JCC0000100	CHIP INDUCTOR	1	
R3127	ERJ6ENF12R0	M 12 OHM, 1/10W	1	
R3128,29	ERJ3GEYJ181	M 180 OHM,J,1/16W	2	(J)
R3129	ERJ6ENF12R0	M 12 OHM, 1/10W	1	(HB)
R3130	ERJ3GEYJ181	M 180 OHM,J,1/16W	1	
R3131	ERJ3GEYJ220	M 22 OHM,J,1/16W	1	
R3133	ERJ6ENF10R0	M 10 OHM, 1/10W	1	
R3134	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R3135	ERJ6ENF10R0	M 10 OHM, 1/10W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R3136-39	ERJ3GEY0R00	M 0 OHM, 1/16W	4	
R3140	ERJ3GEYJ220	M 22 OHM,J,1/16W	1	(HB)
R3140	ERJ3GEYJ473	M 47KOHM,J,1/16W	1	(J)
R3141	ERJ3GEY0R00	M 0 OHM, 1/16W	1	(HB)
R3141	ERJ3GEYJ473	M 47KOHM,J,1/16W	1	(J)
R3142	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R3143	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	
R3144	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R3148	ERJ3GEYJ333	M 33KOHM,J,1/16W	1	
R3149	ERJ3GEYJ182	M 1.8KOHM,J,1/16W	1	
R3150,51	ERJ3GEYJ101	M 100 OHM,J,1/16W	2	(J)
R3151	ERJ3GEYJ220	M 22 OHM,J,1/16W	1	(HB)
R3152	ERJ3GEYJ333	M 33KOHM,J,1/16W	1	
R3153	ERJ3GEYJ221	M 220 OHM,J,1/16W	1	
R3154,55	ERJ3GEYJ331	M 330 OHM,J,1/16W	2	
R3156	ERJ3GEYJ561	M 560 OHM,J,1/16W	1	
R3157	ERJ3GEYJ221	M 220 OHM,J,1/16W	1	
R3158	ERJ3GEYJ182	M 1.8KOHM,J,1/16W	1	
R3159	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R3160	ERJ3EKF2701	M 2.7KOHM, 1/16W	1	(HB)
R3160	ERJ3GEYJ562	M 5.6KOHM,J,1/16W	1	(J)
R3161	ERJ3EKF2701	M 2.7KOHM, 1/16W	1	(HB)
R3161	ERJ3GEYJ562	M 5.6KOHM,J,1/16W	1	(J)
R3162,02	ERJ3EKF2701	M 2.7KOHM, 1/16W	2	
R3163	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R3164-67	ERJ3GEY0R00	M 0 OHM, 1/16W	4	
R3168	ERJ3EKF2000	M 200 OHM, 1/16W	1	
R3169-72	ERJ6ENF75R0	M 75 OHM, 1/10W	4	
R3173	ERJ3EKF2200	M 220 OHM, 1/16W	1	
R3174	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R3177	ERJ3EKF1401	M 1.4KOHM, 1/16W	1	
R3178	ERJ3EKF1101	M 1.1KOHM, 1/16W	1	
R3179	ERJ3EKF1401	M 1.4KOHM, 1/16W	1	
R3180	ERJ3EKF1101	M 1.1KOHM, 1/16W	1	
R3181	ERJ3EKF1401	M 1.4KOHM, 1/16W	1	
R3182	ERJ3EKF1101	M 1.1KOHM, 1/16W	1	
R3183	ERJ3EKF1401	M 1.4KOHM, 1/16W	1	
R3184	ERJ3EKF1101	M 1.1KOHM, 1/16W	1	
R3185	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R3188	ERJ6ENF39R0	M 39 OHM, 1/10W	1	
R3189	ERJ3GEY0R00	M 0 OHM, 1/16W	1	(HB)
R3189,90	ERJ6ENF39R0	M 39 OHM, 1/10W	2	(J)
R3192,93	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R3194,02	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R3195,96	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R3197,98	ERJ3GEYJ123	M 12KOHM,J,1/16W	2	
R3210,11	ERJ6GEYJ101	M 100 OHM,J,1/10W	2	
R3212-15	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	4	
R3216-19	ERJ6GEYJ3R3	M 3.3KOHM,J,1/10W	4	
R3230,31	ERJ6GEYJ102	M 1KOHM,J,1/10W	2	
R3251	TAJAAH0101JV	M 100 OHM,J,1/16W	1	
R3252	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R3253	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R3254,55	ERJ3GEYJ220	M 22 OHM,J,1/16W	2	
R3300,01	ERJ3EKF1501	M 1.5KOHM, 1/16W	2	
R3302	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R3303,04	ERJ3GEYJ220	M 22 OHM,J,1/16W	2	
R3305	ERJ6GEY0R00	M 0 OHM, 1/10W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R3307	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R3308,09	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R3313	ERJ3GEYJ333	M 33KOHM,J,1/16W	1	
R3314,15	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R3319	ERJ3GEYJ333	M 33KOHM,J,1/16W	1	
R3337,38	ERJ3GEYJ220	M 22 OHM,J,1/16W	2	
R3400	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R3508,09	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	2	
R3510,11	ERJ6GEYJ101	M 100 OHM,J,1/10W	2	
R3529,30	ERJ6GEYJ184	M 180KOHM,J,1/10W	2	
R3547,48	ERJ6GEYJ101	M 100 OHM,J,1/10W	2	
R3585,86	ERJ6GEYJ560	M 56 OHM,J,1/10W	2	
R3589	ERJ6GEYJ473	M 47KOHM,J,1/10W	1	
R3590	ERJ6GEYJ560	M 56 OHM,J,1/10W	1	
R3591-93	ERJ6GEY0R00	M 0 OHM, 1/10W	3	
R3653	ERJ6GEYJ153	M 15KOHM,J,1/10W	1	
R3654	ERJ6GEYJ333	M 33KOHM,J,1/10W	1	
R3655	ERJ6GEYJ153	M 15KOHM,J,1/10W	1	
R3656	ERJ6GEYJ333	M 33KOHM,J,1/10W	1	
R3663,64	ERJ6GEYJ102	M 1KOHM,J,1/10W	2	
R3668	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R3672	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R3776,77	ERJ6GEYJ101	M 100 OHM,J,1/10W	2	
R3778	ERJ6GEYJ473	M 47KOHM,J,1/10W	1	
R3790,91	ERJ6GEYJ101	M 100 OHM,J,1/10W	2	
R6001	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R6002-05	ERJ6GEYJ151	M 150 OHM,J,1/10W	4	
R6006,07	ERJ6GEYJ101	M 100 OHM,J,1/10W	2	
R6008,09	ERJ6GEYJ104	M 100KOHM,J,1/10W	2	
R6011-16	ERJ14YJ150U	M 15 OHM, J,1/4W	6	
R6019-22	ERJ14YJ150U	M 15 OHM, J,1/4W	4	
R6023	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6024	ERJ6GEYJ100	M 10 OHM,J,1/10W	1	
R6025	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6026	ERJ6GEYJ100	M 10 OHM,J,1/10W	1	
R6027,28	TAJAAH0101JV	M 100 OHM,J,1/16W	2	
R6029-31	ERJ6GEYJ103	M 10KOHM,J,1/10W	3	
R6033	ERJ14YJ204	M 200KOHM, J,1/4W	1	
R6034,35	ERJ14YJ150U	M 15 OHM, J,1/4W	2	
R6041,42	ERJ14YJ5R6U	M 6.2OHM, 1/4W	2	
R6049,50	ERJ14YJ5R6U	M 6.2OHM, 1/4W	2	
R6055	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R6056	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R6057	ERG1FJS470D	M 47 OHM, J, 1W	1	
R6059,60	TAJAAH0101JV	M 100 OHM,J,1/16W	2	
R6061	ERJ6ENF1001	M 1KOHM, 1/10W	1	
R6062,63	ERJ6GEYJ224	M 220KOHM,J,1/10W	2	
R6067	ERG1FJS472D	M 4.7KOHM, J, 1W	1	
R6068	ERG2FJS123D	M 12KOHM, J, 2W	1	
R6069,70	ERJ6ENF2202	M 2.2KOHM, 1/10W	2	
R6073	ERJ6ENF1201	M 1.2KOHM, 1/10W	1	
R6074	ERJ6ENF2202	M 2.2KOHM, 1/10W	1	
R6076	ERJ6GEY0R00	M 0 OHM, 1/10W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R6077,78	ERX3FJSR22D	M 2.2 OHM, J, 3W	2	
R6079,80	ERJ6GEYJ101	M 100 OHM,J,1/10W	2	
R6081	ERJ6GEYJ222	M 2.2KOHM,J,1/10W	1	
R6082,83	TAJAAH0101JV	M 100 OHM,J,1/16W	2	
R6084	ERJ14YJ224	M 220KOHM, J,1/4W	1	
R6085,86	ERJ6GEYJ470	M 47 OHM,J,1/10W	2	
R6087	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R6088	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6089	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R6092	ERJ6GEYJ151	M 150 OHM,J,1/10W	1	
R6101	TAJAAH0470JV	M 47 OHM,J,1/16W	1	
R6102	EXB38V470J	RESISTOR ARRAY	1	
R6104	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R6105	EXB38V472J	RESISTOR ARRAY	1	
R6107	TAJAAH0470JV	M 47 OHM,J,1/16W	1	
R6110	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R6118,19	ERJ6ENF3902	M 39KOHM, 1/10W	2	
R6120	ERJ6ENF7501	M 7.5KOHM, 1/10W	1	
R6121	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6123	ERJ6GEYJ152	M 1.5KOHM,J,1/10W	1	
R6124	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6125	ERJ6GEYJ222	M 2.2KOHM,J,1/10W	1	
R6126	ERJ6GEYJ152	M 1.5KOHM,J,1/10W	1	
R6431	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R6433	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R6439,40	ERJ6GEYJ103	M 10KOHM,J,1/10W	2	
R6450	ERJ6GEYJ563	M 56KOHM,J,1/10W	1	
R6451	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6452	ERJ6GEYJ563	M 56KOHM,J,1/10W	1	
R6453	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R6454,55	ERJ14YJ103	M 10KOHM, J,1/4W	2	
R6456	ERJ6ENF1183	M 118KOHM, 1/10W	1	
R6457,58	ERJ6ENF2551	M2.55KOHM, 1/10W	2	
R6459	ERJ14YJ104	M 100KOHM, J,1/4W	1	
R6460	ERJ14YJ203U	M 20KOHM, 1/2W	1	
R6461	ERG1FJS471D	M 470 OHM, J, 1W	1	
R6463	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R6464	ERJ6GEYJ222	M 2.2KOHM,J,1/10W	1	
R6465	ERX3FJS8R2D	M 8.2 OHM, J, 3W	1	
R6466	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R6467	ERJ6GEYJ122	M 1.2KOHM,J,1/10W	1	
R6468	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R6469	ERJ6ENF1602	M 16KOHM, 1/10W	1	
R6471	ERJ6ENF4701	M 4.7KOHM, 1/10W	1	
R6472	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R6473	ERJ6GEYJ822	M 8.2KOHM,J,1/10W	1	
R6474	ERG1FJS121D	M 120 OHM, J, 1W	1	
R6475	ERJ6GEYJ332	M 3.3KOHM,J,1/10W	1	
R6476	ERJ6ENF2743	M 274KOHM, 1/10W	1	
R6478	ERJ6ENF6981	M6.98KOHM, 1/10W	1	
R6479	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R6480	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6481	ERJ6ENF1001	M 1KOHM, 1/10W	1	
R6482	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R6483	ERJ14YJ752	M 75KOHM, J,1/4W	1	
R6484	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R6485,86	ERJ6GEYJ103	M 10KOHM,J,1/10W	2	
R6487	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R6488	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6489	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R6491	ERJ14YJ104	M 100KOHM, J,1/4W	1	
R6492	ERJ6ENF2003	M 200KOHM, 1/10W	1	
R6493	ERJ6ENF2703	M 270KOHM, 1/10W	1	
R6495,96	ERJ6GEYJ154	M 150KOHM,J,1/10W	2	
R6497	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R6498,99	ERX1FJS8R2D	M 8.2 OHM, J, 1W	2	
R6500	ERJ6GEYJ122	M 1.2KOHM,J,1/10W	1	
R6501-09	ERJ6GEYJ222	M 2.2KOHM,J,1/10W	9	
R6510	ERX3FJS2R2D	M 2.2 OHM, J, 3W	1	
R6511	ERJ6GEYJ100	M 10 OHM,J,1/10W	1	
R6512	ERJ6GEYJ471	M 470 OHM,J,1/10W	1	
R6513	ERX3FJS2R2D	M 2.2 OHM, J, 3W	1	
R6514	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R6515	ERJ6GEYJ100	M 10 OHM,J,1/10W	1	
R6516	ERJ6GEYJ471	M 470 OHM,J,1/10W	1	
R6517	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6518	TAJAAH0101JV	M 100 OHM,J,1/16W	1	
R6519	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R6520	ERJ6GEYJ151	M 150 OHM,J,1/10W	1	
R6521	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R6524	ERJ6ENF3001	M 3KOHM, 1/10W	1	
R6525	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R6526	ERJ6GEYJ470	M 47 OHM,J,1/10W	1	
R6527	ERJ14YJ102	M 1KOHM, J,1/4W	1	
R6528	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R6529-36	ERJ6GEYJ470	M 47 OHM,J,1/10W	8	
R6538	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R6539	TAJAAH0101JV	M 100 OHM,J,1/16W	1	
R6540	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R6541	ERJ6GEYJ470	M 47 OHM,J,1/10W	1	
R6542	ERJ6GEYJ100	M 10 OHM,J,1/10W	1	
R6544-46	ERJ6GEYJ100	M 10 OHM,J,1/10W	3	
R6548	ERJ6GEYJ100	M 10 OHM,J,1/10W	1	
R6550	ERJ6GEYJ223	M 22KOHM,J,1/10W	1	
R6551	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R6552,53	ERJ6ENF1003	M 100KOHM, 1/10W	2	
R6554	ERG1FJS101D	M 100 OHM, J, 1W	1	
R6555	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R6556	ERJ6GEYJ122	M 1.2KOHM,J,1/10W	1	
R6558	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6559	ERJ6GEYJ222	M 2.2KOHM,J,1/10W	1	
R6560,61	ERJ6GEYJ470	M 47 OHM,J,1/10W	2	
R6562	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R6563	ERJ6GEYJ5R6	M 5.6 OHM,J,1/10W	1	
R6565	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6566	TAJAAH0101JV	M 100 OHM,J,1/16W	1	
R6567,68	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	2	
R6570	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6571-78	ERJ6GEYJ471	M 470 OHM,J,1/10W	8	
R6580	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6581	TAJAAH0101JV	M 100 OHM,J,1/16W	1	
R6582,83	ERJ6ENF3902	M 39KOHM, 1/10W	2	
R6584	ERJ6ENF7501	M 7.5KOHM, 1/10W	1	
R6585	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R6586	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6587	ERJ6GEYJ152	M 1.5KOHM,J,1/10W	1	
R6588,89	ERJ6GEYJ103	M 10KOHM,J,1/10W	2	
R6590	ERJ6GEYJ222	M 2.2KOHM,J,1/10W	1	
R6591	ERJ6GEYJ152	M 1.5KOHM,J,1/10W	1	
R6592,93	ERJ6GEYJ105	M 1MOHM,J,1/10W	2	
R6594	ERJ14YJ104	M 100KOHM, J,1/4W	1	
R6595	ERJ6ENF1432	M14.3KOHM, 1/10W	1	
R6596	ERJ6ENF5231	M5.23KOHM, 1/10W	1	
R6598	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6599,00	ERJ6GEYJ101	M 100 OHM,J,1/10W	2	
R6604	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R6605-07	ERJ6GEYJ224	M 220KOHM,J,1/10W	3	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R6608,09	ERJ12YJ1R0	M 1 OHM, J,1/2W	2	
R6610	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R6611-14	ERJ14YJ150U	M 15 OHM, J,1/4W	4	
R6615	ERJ6GEYJ332	M 3.3KOHM,J,1/10W	1	
R6616	ERDS1FJ221	C 220 OHM, J,1/2W	1	
R6617,18	ERJ6GEYJ222	M 2.2KOHM,J,1/10W	2	
R6619,20	ERJ14YJ150U	M 15 OHM, J,1/4W	2	
R6621	ERJ6ENF1543	M 154KOHM, 1/10W	1	
R6622,23	ERJ6GEYJ103	M 10KOHM,J,1/10W	2	
R6624	ERJ6GEYJ100	M 10 OHM,J,1/10W	1	
R6625	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6626	ERJ6GEYJ100	M 10 OHM,J,1/10W	1	
R6627,28	TAJAAH0101JV	M 100 OHM,J,1/16W	2	
R6629	ERJ6ENF2202	M 2.2KOHM, 1/10W	1	
R6630	ERJ14YJ204	M 200KOHM, J,1/4W	1	
R6635-38	ERJ14YJ150U	M 15 OHM, J,1/4W	4	
R6641,42	ERJ14YJ5R6U	M 6.2OHM, 1/4W	2	
R6643,44	ERJ14YJ150U	M 15 OHM, J,1/4W	2	
R6645,46	ERJ6GEYJ151	M 150 OHM,J,1/10W	2	
R6647,48	ERJ14YJ5R6U	M 6.2OHM, 1/4W	2	
R6649	EXB38V680J	RESISTOR ARRAY	1	
R6653	EXB38V680J	RESISTOR ARRAY	1	
R6655	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R6656	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R6659,60	TAJAAH0101JV	M 100 OHM,J,1/16W	2	
R6661,62	ERJ6GEYJ151	M 150 OHM,J,1/10W	2	
R6663	EXB38V472J	RESISTOR ARRAY	1	
R6664	EXB38V470J	RESISTOR ARRAY	1	
R6667,68	ERJ6GEYJ151	M 150 OHM,J,1/10W	2	
R6669	EXB38V472J	RESISTOR ARRAY	1	
R6670	EXB38V470J	RESISTOR ARRAY	1	
R6675	EXB38V472J	RESISTOR ARRAY	1	
R6676	EXB38V470J	RESISTOR ARRAY	1	
R6683	EXB38V470J	RESISTOR ARRAY	1	
R6686	EXB38V472J	RESISTOR ARRAY	1	
R6696	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6699	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6901	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R6902-04	ERJ6GEYJ221	M 220 OHM,J,1/10W	3	
R6910,11	ERJ6GEYJ104	M 100KOHM,J,1/10W	2	
R6912	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R6913	ERJ6GEYJ224	M 220KOHM,J,1/10W	1	
R6920-23	ERJ6GEYJ103	M 10KOHM,J,1/10W	4	
R6924	ERJ6GEYJ224	M 220KOHM,J,1/10W	1	
R6955	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R6956-58	ERJ6GEYJ221	M 220 OHM,J,1/10W	3	
R6959	ERJ6GEYJ224	M 220KOHM,J,1/10W	1	
R6975-78	ERJ6GEYJ103	M 10KOHM,J,1/10W	4	
R6979	ERJ6GEYJ224	M 220KOHM,J,1/10W	1	
R7102,03	ERJ14YJ220	M 22 OHM, J,1/4W	2	
R7104	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R7105	TAJAAH0470JV	M 47 OHM,J,1/16W	1	
R7106,07	ERJ14YJ220	M 22 OHM, J,1/4W	2	
R7110,11	ERJ14YJ220	M 22 OHM, J,1/4W	2	
R7117	ERJ6GEYJ224	M 220KOHM,J,1/10W	1	
R7121-23	ERJ8GEY0R00	M 0 OHM, 1/8W	3	
R7125	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R7126-28	TAJAAH0470JV	M 47 OHM,J,1/16W	3	
R7130	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R7132-35	ERJ3GEY0R00	M 0 OHM, 1/16W	4	
R7136-41	ERJ14YJ220	M 22 OHM, J,1/4W	6	
R7142-46	EXB38V470J	RESISTOR ARRAY	5	
R7161	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R7162,63	TAJAAH0470JV	M 47 OHM,J,1/16W	2	
R7166,67	TAJAAH0470JV	M 47 OHM,J,1/16W	2	
R7170,71	TAJAAH0470JV	M 47 OHM,J,1/16W	2	
R7175-77	ERJ6GEY0R00	M 0 OHM, 1/10W	3	
R7187	ERJ6GEYJ223	M 22KOHM,J,1/10W	1	
R7188	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R7192	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R7194	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R7196,97	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R7202,03	ERJ14YJ220	M 22 OHM, J,1/4W	2	
R7204	ERJ3GEYJ560	M 56 OHM,J,1/16W	1	
R7206,07	ERJ14YJ220	M 22 OHM, J,1/4W	2	
R7210,11	ERJ14YJ220	M 22 OHM, J,1/4W	2	
R7214,15	ERJ14YJ220	M 22 OHM, J,1/4W	2	
R7217	ERJ6GEYJ224	M 220KOHM,J,1/10W	1	
R7218-21	ERJ8GEY0R00	M 0 OHM, 1/8W	4	
R7225	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R7226-29	TAJAAH0470JV	M 47 OHM,J,1/16W	4	
R7230	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R7232	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R7233-40	ERJ14YJ220	M 22 OHM, J,1/4W	8	
R7241,42	EXB38V470J	RESISTOR ARRAY	2	
R7243-46	ERJ3GEY0R00	M 0 OHM, 1/16W	4	
R7247	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R7248	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R7249,50	EXB38V470J	RESISTOR ARRAY	2	
R7251-53	TAJAAH0470JV	M 47 OHM,J,1/16W	3	
R7254	ERJ6GEYJ223	M 22KOHM,J,1/10W	1	
R7255	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R7257,58	EXB38V470J	RESISTOR ARRAY	2	
R7259-65	ERJ6GEY0R00	M 0 OHM, 1/10W	7	
R7289,90	TAJAAH0470JV	M 47 OHM,J,1/16W	2	
R7293	TAJAAH0470JV	M 47 OHM,J,1/16W	1	
R7296,97	TAJAAH0470JV	M 47 OHM,J,1/16W	2	
R7298,99	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R8001	J0JCC0000100	CHIP INDUCTOR	1	
R8003,04	J0JCC0000100	CHIP INDUCTOR	2	
R8010-12	ERJ3GEYJ271	M 270 OHM,J,1/16W	3	
R8017,18	ERJ3GEYJ562	M 5.6KOHM,J,1/16W	2	
R8021	ERJ3GEYJ222	M 2.2KOHM,J,1/16W	1	
R8025	J0JCC0000100	CHIP INDUCTOR	1	
R8026	ERJ3GEYJ331	M 330 OHM,J,1/16W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R8029	ERJ6ENF3001	M 3KOHM, 1/10W	1	
R8031	ERJ6ENF2201	M 2.2KOHM, 1/10W	1	
R8033	ERJ3GEYJ104	M 100KOHM,J,1/16W	1	
R8035	ERJ6ENF3300	M 330 OHM, 1/10W	1	
R8036	ERJ6ENF1500	M 150 OHM, 1/10W	1	
R8037	ERJ6ENF4701	M 4.7KOHM, 1/10W	1	
R8039	ERJ6ENF4701	M 4.7KOHM, 1/10W	1	
R8041	ERJ3GEYJ183	M 18KOHM,J,1/16W	1	
R8045,46	ERJ3GEYJ222	M 2.2KOHM,J,1/16W	2	
R8047	ERJ3GEYJ271	M 270 OHM,J,1/16W	1	
R8048	ERJ3GEYJ222	M 2.2KOHM,J,1/16W	1	
R8050,51	ERJ3GEYJ222	M 2.2KOHM,J,1/16W	2	
R8055,56	ERJ3GEYJ101	M 100 OHM,J,1/16W	2	
R8057	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R8058,59	ERJ3GEYJ101	M 100 OHM,J,1/16W	2	
R8065	D0GB911JA002	M 910 OHM,J,1/16W	1	
R8067	D0GB911JA002	M 910 OHM,J,1/16W	1	
R8069	ERJ6GEYJ681	M 680 OHM,J,1/10W	1	
R8072	J0JCC0000100	CHIP INDUCTOR	1	
R8089	ERJ3GEYJ181	M 180 OHM,J,1/16W	1	
R8093	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R8097,98	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R8100	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R8117-20	J0JCC0000100	CHIP INDUCTOR	4	
R8121,22	ERJ3GEYJ272	M 2.7KOHM,J,1/16W	2	
R8124-27	ERJ6GEYJ101	M 100 OHM,J,1/10W	4	
R8129	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R8131-35	ERJ3GEY0R00	M 0 OHM, 1/16W	5	
R8181	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	
R8182	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R8183,84	J0JCC0000100	CHIP INDUCTOR	2	
R8185,86	ERJ3GEYJ272	M 2.7KOHM,J,1/16W	2	
R8187,88	ERJ6GEYJ560	M 56 OHM,J,1/10W	2	
R8189,90	ERJ6GEY0R00	M 0 OHM, 1/10W	2	
R8200	ERJ3GEYJ223	M 22KOHM,J,1/16W	1	
R8201	ERJ3GEYJ473	M 47KOHM,J,1/16W	1	
R8202,03	ERJ3GEYJ223	M 22KOHM,J,1/16W	2	
R8204	ERJ3GEYJ104	M 100KOHM,J,1/16W	1	
R8205	ERJ3GEYJ563	M 56KOHM,J,1/16W	1	
R8206	ERJ3GEYJ473	M 47KOHM,J,1/16W	1	
R8207	J0JCC0000100	CHIP INDUCTOR	1	
R9001-03	EXB2HVR000	RESISTOR ARRAY	3	
R9004	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R9005	ERJ3GEYJ272	M 2.7KOHM,J,1/16W	1	
R9006	ERJ3EKF6801	M 6.8KOHM, 1/16W	1	
R9007	ERJ3GEYJ390	M 39 OHM,J,1/16W	1	
R9008	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9009	ERJ3GEYJ390	M 39 OHM,J,1/16W	1	
R9010	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9011	ERJ3GEYJ390	M 39 OHM,J,1/16W	1	
R9012-14	ERJ3GEY0R00	M 0 OHM, 1/16W	3	
R9016-19	ERJ3GEY0R00	M 0 OHM, 1/16W	4	
R9020	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R9021	ERJ3GEYJ100	M 10 OHM,J,1/16W	1	
R9023	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R9028-30	ERJ3GEY0R00	M 0 OHM, 1/16W	3	
R9032	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9034	ERJ3GEY0R00	M 0 OHM, 1/16W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R9035-38	TAJAAH0101JV	M 100 OHM,J,1/16W	4	
R9039-42	ERJ3GEY0R00	M 0 OHM, 1/16W	4	
R9043,44	ERJ3GEYJ122	M 1.2KOHM,J,1/16W	2	
R9101,02	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R9104-07	ERJ3GEY0R00	M 0 OHM, 1/16W	4	
R9108	EXB38V103J	RESISTOR ARRAY	1	
R9109	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9110,11	EXB38V103J	RESISTOR ARRAY	2	
R9112	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9113-15	ERJ3GEYJ103	M 10KOHM,J,1/16W	3	
R9116-26	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	11	
R9127	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9129,30	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R9131,32	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R9133,34	TAJAAH0470JV	M 47 OHM,J,1/16W	2	
R9137	TAJAAH0470JV	M 47 OHM,J,1/16W	1	
R9139	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R9140	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R9142	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R9144	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R9145	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R9148	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R9149	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9151-53	D1HG1038A002	NETWORK RESISTER	3	
R9154	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9155	EXB38V103J	RESISTOR ARRAY	1	
R9156,57	EXB2HV470JV	RESISTOR ARRAY	2	
R9158	ERJ3GEYJ473	M 47KOHM,J,1/16W	1	
R9171	ERJ3GEYJ470	M 47 OHM,J,1/16W	1	
R9205	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9207	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9209	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9211-20	TAJAAH0101JV	M 100 OHM,J,1/16W	10	
R9221,22	TAJAAH0470JV	M 47 OHM,J,1/16W	2	
R9224	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9226	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9228	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9229	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9237	TAJAAH0470JV	M 47 OHM,J,1/16W	1	
R9238	EXB38V470J	RESISTOR ARRAY	1	
R9239	TAJAAH0470JV	M 47 OHM,J,1/16W	1	
R9240-43	ERJ3GEY0R00	M 0 OHM, 1/16W	4	
R9244	ERJ3GEYJ220	M 22 OHM,J,1/16W	1	
R9245	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R9249-52	ERJ3GEY0R00	M 0 OHM, 1/16W	4	
R9256,57	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R9260,61	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R9265	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9271-73	EXB2HV470JV	RESISTOR ARRAY	3	
R9274,75	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R9276	ERJ3GEYJ220	M 22 OHM,J,1/16W	1	
R9277-79	EXB2HV470JV	RESISTOR ARRAY	3	
R9280,81	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R9282	ERJ3GEYJ220	M 22 OHM,J,1/16W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R9283	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R9284	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9286	ERJ3GEYJ223	M 22KOHM,J,1/16W	1	
R9287,88	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R9289	TAJAAH0101JV	M 100 OHM,J,1/16W	1	
R9290	ERJ3GEYJ561	M 560 OHM,J,1/16W	1	
R9293-95	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	3	
R9296	ERJ3GEYJ331	M 330 OHM,J,1/16W	1	
R9297	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R9301	EXB38V470J	RESISTOR ARRAY	1	
R9302-05	TAJAAH0470JV	M 47 OHM,J,1/16W	4	
R9306,07	EXB2HV470JV	RESISTOR ARRAY	2	
R9308	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9309	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R9310	ERJ3GEYJ104	M 100KOHM,J,1/16W	1	
R9311	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9312,13	ERJ6GEY0R00	M 0 OHM, 1/10W	2	
R9314	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R9315	ERJ3GEYJ104	M 100KOHM,J,1/16W	1	
R9316	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9317	TAJAAH0101JV	M 100 OHM,J,1/16W	1	
R9318	ERJ3GEYJ104	M 100KOHM,J,1/16W	1	
R9319,20	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R9321	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9322-24	EXB2HV470JV	RESISTOR ARRAY	3	
R9325	EXB38V470J	RESISTOR ARRAY	1	
R9326,27	TAJAAH0470JV	M 47 OHM,J,1/16W	2	
R9328	EXB2HV470JV	RESISTOR ARRAY	1	
R9502	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9503	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9505	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9508	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9509,10	TAJAAH0470JV	M 47 OHM,J,1/16W	2	
R9512-16	TAJAAH0470JV	M 47 OHM,J,1/16W	5	
R9518	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9561	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9563	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R9566	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R9568-70	ERJ3GEY0R00	M 0 OHM, 1/16W	3	
R9571,72	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R9581	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9583,84	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R9585	ERJ3GEYJ220	M 22 OHM,J,1/16W	1	
R9586	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9591	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9593,94	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R9595	ERJ3GEYJ220	M 22 OHM,J,1/16W	1	
R9596	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9601	ERJ3GEYJ100	M 10 OHM,J,1/16W	1	
R9602,03	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R9604	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	
R9605,06	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R9607	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9608	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9609	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9610,11	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R9614-17	ERJ3GEY0R00	M 0 OHM, 1/16W	4	
R9620	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9622	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9624	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9626-31	ERJ3GEY0R00	M 0 OHM, 1/16W	6	
R9633	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9635	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9637,38	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R9641	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9643,44	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R9647	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9649	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9651-54	ERJ3GEY0R00	M 0 OHM, 1/16W	4	
R9682,83	ERJ6GEY0R00	M 0 OHM, 1/10W	2	
R9684,85	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R9701-03	ERJ3GEYJ103	M 10KOHM,J,1/16W	3	
R9705	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9706,07	ERJ3GEYJ332	M 3.3KOHM,J,1/16W	2	
R9708	TAJAAH0101JV	M 100 OHM,J,1/16W	1	
R9709	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9710	TAJAAH0101JV	M 100 OHM,J,1/16W	1	
R9711	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9713	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9714	TAJAAH0101JV	M 100 OHM,J,1/16W	1	
R9715	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9716	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9718	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9720	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9722,23	EXB2HV470JV	RESISTOR ARRAY	2	
R9724	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R9725-28	ERJ3GEY0R00	M 0 OHM, 1/16W	4	
R9729	TAJAAH0470JV	M 47 OHM,J,1/16W	1	
R9730	ERJ3GEYJ272	M 2.7KOHM,J,1/16W	1	
R9731	TAJAAH0470JV	M 47 OHM,J,1/16W	1	
R9732	ERJ3GEYJ272	M 2.7KOHM,J,1/16W	1	
R9733	EXB38V220J	RESISTOR ARRAY	1	
R9734,35	ERJ3GEYJ272	M 2.7KOHM,J,1/16W	2	
R9736,37	ERJ3GEYJ562	M 5.6KOHM,J,1/16W	2	
R9738	ERJ3GEYJ330	M 33 OHM,J,1/16W	1	
R9739	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9740	TAJAAH0101JV	M 100 OHM,J,1/16W	1	
R9741	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9742	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R9743	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9744	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9747	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9748-50	ERJ3GEY0R00	M 0 OHM, 1/16W	3	
R9751,52	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R9753	TAJAAH0101JV	M 100 OHM,J,1/16W	1	
R9754	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9755	TAJAAH0101JV	M 100 OHM,J,1/16W	1	
R9756	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R9757	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9759	ERJ3GEYJ393	M 39KOHM,J,1/16W	1	
R9760	TAJAAH0101JV	M 100 OHM,J,1/16W	1	
R9761	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R9762	ERJ3GEYJ153	M 15KOHM,J,1/16W	1	
R9764	ERJ3GEYJ393	M 39KOHM,J,1/16W	1	
R9765	TAJAAH0101JV	M 100 OHM,J,1/16W	1	
R9766	ERJ3GEYJ393	M 39KOHM,J,1/16W	1	
R9767	TAJAAH0101JV	M 100 OHM,J,1/16W	1	
R9768	ERJ3GEYJ393	M 39KOHM,J,1/16W	1	
R9769	TAJAAH0101JV	M 100 OHM,J,1/16W	1	
R9771	TAJAAH0101JV	M 100 OHM,J,1/16W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R9772,73	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R9774	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R9775	ERJ3GEYJ123	M 12KOHM,J,1/16W	1	
R9777	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9778,79	TAJAAH0101JV	M 100 OHM,J,1/16W	2	
R9781	TAJAAH0101JV	M 100 OHM,J,1/16W	1	
R9782	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9783	TAJAAH0101JV	M 100 OHM,J,1/16W	1	
R9785	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9786-88	TAJAAH0101JV	M 100 OHM,J,1/16W	3	
R9791	ERJ3GEYJ272	M 2.7KOHM,J,1/16W	1	
R9792	TAJAAH0101JV	M 100 OHM,J,1/16W	1	
R9793	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9795	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9796	TAJAAH0101JV	M 100 OHM,J,1/16W	1	
R9797	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9798	TAJAAH0101JV	M 100 OHM,J,1/16W	1	
R9801	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9803	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9805	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9806	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9807	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9808	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9810	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9811	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9812	ERJ3GEYJ473	M 47KOHM,J,1/16W	1	
R9813	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9814	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R9815	ERJ3GEYJ473	M 47KOHM,J,1/16W	1	
R9816	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9817	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R9818	ERJ3GEYJ473	M 47KOHM,J,1/16W	1	
R9819	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9820,21	ERJ3GEYJ562	M 5.6KOHM,J,1/16W	2	
R9822	ERJ3GEYJ331	M 330 OHM,J,1/16W	1	
R9823	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R9824	ERJ3GEYJ332	M 3.3KOHM,J,1/16W	1	
R9825	ERJ3GEYJ682	M 6.8KOHM,J,1/16W	1	
R9826	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9828	ERJ3GEYJ104	M 100KOHM,J,1/16W	1	
R9829	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R9830	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9832	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R9833	TAJAAH0101JV	M 100 OHM,J,1/16W	1	
R9834	ERJ3GEYJ332	M 3.3KOHM,J,1/16W	1	
R9836,37	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R9838	ERJ3GEYJ682	M 6.8KOHM,J,1/16W	1	
R9839	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9840	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9843	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9844	ERJ3GEYJ562	M 5.6KOHM,J,1/16W	1	
R9845-55	TAJAAH0101JV	M 100 OHM,J,1/16W	11	
R9857	TAJAAH0101JV	M 100 OHM,J,1/16W	1	
R9860	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9861	ERJ3GEYJ332	M 3.3KOHM,J,1/16W	1	
R9863	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9864	ERJ3GEYJ332	M 3.3KOHM,J,1/16W	1	
R9865	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9866	TAJAAH0101JV	M 100 OHM,J,1/16W	1	
R9868-70	ERJ3GEY0R00	M 0 OHM, 1/16W	3	
R9871	ERJ3GEYJ223	M 22KOHM,J,1/16W	1	
R9872,73	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R9874	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9875	TAJAAH0101JV	M 100 OHM,J,1/16W	1	
R9876-79	ERJ3GEY0R00	M 0 OHM, 1/16W	4	
R9880	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R9881	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9882	EXB38VR000	RESISTOR ARRAY	1	
R9883	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9884	TAJAAH0101JV	M 100 OHM,J,1/16W	1	
R9885	EXB38VR000	RESISTOR ARRAY	1	
R9891-93	ERJ3GEY0R00	M 0 OHM, 1/16W	3	
R9894	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9895-97	ERJ3GEY0R00	M 0 OHM, 1/16W	3	
R9951	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R9953	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R9954	ERJ6ENF2322	M23.2KOHM, 1/10W	1	
R9955	ERJ6ENF1002	M 10KOHM, 1/10W	1	
R9956	ERJ3GEYJ473	M 47KOHM,J,1/16W	1	
R9957	ERJ3GEYJ683	M 68KOHM,J,1/16W	1	
R9961	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R9963	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R9964	ERJ6ENF5101	M 5.1KOHM, 1/10W	1	
R9965	ERJ6ENF1002	M 10KOHM, 1/10W	1	
R9966	ERJ3GEYJ183	M 18KOHM,J,1/16W	1	
R9967	ERJ3GEYJ683	M 68KOHM,J,1/16W	1	
R9971	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R9973	ERJ6ENF2002	M 20KOHM, 1/10W	1	
R9974	ERJ6ENF3302	M 33KOHM, 1/10W	1	
R9976,77	ERJ6GEY0R00	M 0 OHM, 1/10W	2	
R9981	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R9982	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9983	ERJ6ENF1601	M 1.6KOHM, 1/10W	1	
R9984	ERJ6ENF1001	M 1KOHM, 1/10W	1	
R9985	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R9991,92	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R9993	TAJAAH0101JV	M 100 OHM,J,1/16W	1	
R9994-96	ERJ3GEYJ103	M 10KOHM,J,1/16W	3	
RM001	PNA4701M05TV	REMOCO RECEIVER	1	
RTL	TNPA3003	CIRCUIT BOARD H3	1	⚠
RTL	TNPA3631AB	CIRCUIT BOARD J	1	⚠
RTL	TZTNP020YLS	CIRCUIT BOARD HX	1	⚠
RTL	TXNHA10RBS	CIRCUIT BOARD HA	1	TH-37PWD8UK ⚠
RTL	TXNHB10QXS	CIRCUIT BOARD HB	1	TH-37PWD8UK ⚠
RTL	TXNHB10QXS	CIRCUIT BOARD HB	1	TH-37PWD8BK/BS/EK/ES PAVCCZ ⚠
RTL	TNPA3570	CIRCUIT BOARD P	1	⚠
RTL	TNPA3541	CIRCUIT BOARD C1	1	⚠
RTL	TNPA3542	CIRCUIT BOARD C2	1	⚠
RTL	TZTNP01YLSU	CIRCUIT BOARD D	1	TH-37PWD8GK/GS/UK ⚠
RTL	TZTNP01YLSE	CIRCUIT BOARD D	1	TH-37PWD8BK/BS/EK/ES PAVCCZ ⚠
RTL	TNPA3543AB	CIRCUIT BOARD SC	1	⚠
RTL	TNPA3233	CIRCUIT BOARD SD	1	⚠
RTL	TNPA3544AB	CIRCUIT BOARD SS	1	⚠
RTL	TNPA3232	CIRCUIT BOARD SU	1	⚠
RTL	TNPA3640	CIRCUIT BOARD V1	1	⚠
RTL	TNPA3641	CIRCUIT BOARD V2	1	⚠
RTL	TNPA3642	CIRCUIT BOARD S1	1	⚠
S34	K1KA03AA0193	3P CONNECTOR	1	
SC2	K1KA06AA0192	6P CONNECTOR	1	
SC20	K1KA20AA0008	20P CONNECTOR	1	
SC23	K1KA03AA0193	3P CONNECTOR	1	
SC30	K1KA03AA0193	3P CONNECTOR	1	
SC41,42	K1ML80BA0001	80P CONNECTOR	2	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
SC45,46	K1KA10A00431	10P CONNECTOR	2	
SD1-D3	K1MN80B00004	80P CONNECTOR	3	
SD46	K1KA10B00209	10P CONNECTOR	1	
SS11	K1KA07AA0192	7P CONNECTOR	1	
SS12	K1KA05AA0192	5P CONNECTOR	1	
SS23	K1KA12AA0194	12P CONNECTOR	1	
SS34	K1KA03AA0193	3P CONNECTOR	1	
SS41A-4A	K1MN13B00020	13P CONNECTOR	4	
SU1-U3	K1MN80B00004	80P CONNECTOR	3	
SU45	K1KA10B00209	10P CONNECTOR	1	
SW061	K0F162B00002	SWITCH	1	
SW1550-54	EVQPLHA15	SWITCH	5	⚠
T6461	ETS13TB139AP	SWITCHING TRANS	1	
T6471	ETS19AA259AC	SWITCHING TRANS	1	
V2	K1KA06BA0047	6P CONNECTOR	1	
V15	K1KA03BA0047	3P CONNECTOR	1	
VR6074	EVMEASA00B14	CONTROL 10KOHMB 0.3W	1	
VR6477	EVMEASA00B23	CONTROL 2KOHMB 0.3W	1	
VR6557	EVMEASA00B14	CONTROL 10KOHMB 0.3W	1	
X2301	H0J184500020	CRYSTAL	1	
X3101	H0J202500002	CRYSTAL	1	
X8181	H0J327200114	CRYSTAL	1	
X9501	H0J200500038	CRYSTAL	1	
X9701	H0J400400017	CRYSTAL	1	
ZA001	K4CD01000013	TERMINAL	1	
ZA007	K4CD01000013	TERMINAL	1	
ZA3001-04	K4CD01000013	TERMINAL	4	
ZA3007	K4CD01000013	TERMINAL	1	
ZA3009	K4CD01000013	TERMINAL	1	
ZA6002	K4CD01000013	TERMINAL	1	
ZA6004	K4CD01000013	TERMINAL	1	
ZA6601-03	K4CD01000013	TERMINAL	3	
ZA7101	K4CD01000013	TERMINAL	1	
ZA7103	K4CD01000013	TERMINAL	1	
ZA7201	K4CD01000013	TERMINAL	1	
ZA7203	K4CD01000013	TERMINAL	1	
C402	ECJ2XC1H101J	C 100PF, J, 50V	1	
C403	ECKCNA222MEB	C 2200PF, M	1	⚠
C404	F0CAF105A021	C 1UF, 250V	1	⚠
C405	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C407	ECA2WHG220	E 22UF, 450V	1	
C409	F0CAF105A021	C 1UF, 250V	1	⚠
C410	ECJ3YB1E105K	C 1UF, K, 25V	1	
C411-14	ECJ2XB1H103K	C 0.01UF, K, 50V	4	
C415,16	F1A3A102A040	C 1000PF, J, 1KV	2	
C417	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C418	F1J1C1050011	C 1UF, Z, 50V	1	
C419	F1A3A102A040	C 1000PF, J, 1KV	1	
C421,22	ECJ2XB1H103K	C 0.01UF, K, 50V	2	
C423	ECJ2XB1H472K	C 4700PF, K, 50V	1	
C424	F1A3A102A040	C 1000PF, J, 1KV	1	
C425	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C426	ECJ2XC1H471J	C 470PF, J, 50V	1	
C427	F1J1C1050011	C 1UF, Z, 50V	1	
C428	ECJ2XC1H221J	C 220PF, J, 50V	1	
C429,30	F1K2J1530002	C 0.15PF, J,630V	2	
C431	ECJ2XB1H102K	C 1000PF, K, 50V	1	
C432-34	F1J1C1050011	C 1UF, Z, 50V	3	
C436	F1J1C1050011	C 1UF, Z, 50V	1	
C440	ECA1HM100	E 10UF, 50V	1	
C443,44	F1A3A102A040	C 1000PF, J, 1KV	2	
C445	F1J1C1050011	C 1UF, Z, 50V	1	
C446	F2B2W3910005	C 390UF, 450V	1	
C451	F1A3A101A040	C 100PF, J, 1KV	1	
C457	ECWH12333RHV	P 0.013UF,J,1.2KV	1	
C459	F1K2J1530002	C 0.15PF, J,630V	1	
C460,61	F1A3A331A039	E 330UF, 1KV	2	
C462	ECJ3YB1E105K	C 1UF, K, 25V	1	
C463	ECJ2XC1H220J	C 22UF, J, 50V	1	
C465	ECKCNA221KB7	C 220PF, M,	1	⚠
C467	ECKCNA221KB7	C 220PF, M,	1	⚠
C468	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C470	F0CAF105A021	C 1UF, 250V	1	⚠
C471	F1J1C1050011	C 1UF, Z, 50V	1	
C473	ECKCNA221KB7	C 220PF, M,	1	⚠
C476	ECKCNA221KB7	C 220PF, M,	1	⚠
C482	ECJ2XB1H104K	C 0.1UF, K, 50V	1	
C490	ECJ2XC1H331J	C 330PF, J, 50V	1	
C491	ECJ2XB1E104K	C 0.1UF, K, 25V	1	
C492	ECJ2XC1H271J	C 270PF, J, 50V	1	
C493	ECA1EM101	E 100UF, 25V	1	
C494,95	ECJ2XC1H101J	C 100PF, J, 50V	2	
C496	F1J1C1050011	C 1UF, Z, 50V	1	
C497	ECA1EM221	E 220UF, 25V	1	
C498	ECJ2XB1H104K	C 0.1UF, K, 50V	1	
C501-03	ECJ2XB1H103K	C 0.01UF, K, 50V	3	
C504	F1J1C1050011	C 1UF, Z, 50V	1	
C505	ECJ2XB1H102K	C 1000PF, K, 50V	1	
C506-08	ECJ2XB1H103K	C 0.01UF, K, 50V	3	
C509	ECA1EM101	E 100UF, 25V	1	
C510	ECJ2XB1H104K	C 0.1UF, K, 50V	1	
C511	ECA1EM331	E 330UF, 25V	1	
C512-14	ECJ2XC1H471J	C 470PF, J, 50V	3	
C515	ECA1CM222	E 2200UF, 16V	1	
C516	ECJ2XB1C474K	C 0.47UF, Z, 16V	1	
C517	F2D1E1010001	E 10UF, 25V	1	
C518,19	F1J1C1050011	C 1UF, Z, 50V	2	
C523	ECJ3YB1E105K	C 1UF, K, 25V	1	
C525	F2A1E8210012	E 820UF, 25V	1	
C526	ECJ2XB1H104K	C 0.1UF, K, 50V	1	
C527	ECJ3YB1E475K	C 4.7UF, K, 25V	1	
C528,29	F1J1C1050011	C 1UF, Z, 50V	2	
C530	ECJ2VB1H333K	C 0.033UF, K, 50V	1	
C533	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C534	ECJ2XC1H471J	C 470PF, J, 50V	1	
C546,47	ECJ2VB1H333K	C 0.033UF, K, 50V	2	
C548	ECJ2XB1H104K	C 0.1UF, K, 50V	1	
C551-53	ECJ2XB1H104K	C 0.1UF, K, 50V	3	
C554	F1J1C1050011	C 1UF, Z, 50V	1	
C555	ECA2AM101	E 100UF, 100V	1	
C556	F2A1C1520009	E 1500UF, 16V	1	
C557	F2A1E1520089	E 1500UF, 25V	1	
C562	ECJ2XB1H104K	C 0.1UF, K, 50V	1	
C572	ECJ2XB1H104K	C 0.1UF, K, 50V	1	
C574	ECJ2XB1H104K	C 0.1UF, K, 50V	1	
C577	ECA2AM330	E 33UF, 100V	1	
C581	ECJ2XB1H223K	C 0.022UF, K, 50V	1	
C583	ECJ2XB1H102K	C 1000PF, K, 50V	1	
C584	ECJ2XB1H223K	C 0.022UF, K, 50V	1	
C587	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C591,92	F1K2J1530002	C 0.15PF, J,630V	2	
C601	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C603	ECA1HM470	E 47UF, 50V	1	
C604,05	F2A2C1510004	E 150UF, 160V	2	
C606,07	F1J1C1050011	C 1UF, Z, 50V	2	
C608,09	ECJ2XB1H103K	C 0.01UF, K, 50V	2	
C610	F1J1C1050011	C 1UF, Z, 50V	1	
C611	F2B2D1720001	E 1700UF,@ 200V	1	
C612	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C615	F2B2D1720001	E 1700UF,@ 200V	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C616	F1A3A102A040	C 1000PF, J, 1KV	1	
C619	ECJ2XB1H104K	C 0.1UF, K, 50V	1	
C620	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C623	ECA1HM100	E 10UF, 50V	1	
C624	ECJ3YB1E105K	C 1UF, K, 25V	1	
C626	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C629	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C631	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C633	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C634	ECJ2XB1H102K	C 1000PF, K, 50V	1	
C635	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C636	F1J1C1050011	C 1UF, Z, 50V	1	
C637	ECJ2XB1H104K	C 0.1UF, K, 50V	1	
C638,39	ECJ2XB1H103K	C 0.01UF, K, 50V	2	
C640	ECJ2XB1H104K	C 0.1UF, K, 50V	1	
C641	ECJ2XB1H102K	C 1000PF, K, 50V	1	
C643	ECA1HM470	E 47UF, 50V	1	
C646,47	ECJ2XC1H331J	C 330PF, J, 50V	2	
D401	B0FBAT000006	DIODE	1	
D402	MA4240MTA	ZENER DIODE	1	
D403	MA4051NM	ZENER DIODE	1	
D404	B0EBKT000007	DIODE	1	
D406	MA4200M	ZENER DIODE	1	
D407	MA188	DIODE	1	
D410	MA111	DIODE	1	
D411	B0BB17000010	ZENER DIODE	1	
D412-14	MA111	DIODE	3	
D415	B0JAME000081	DIODE	1	
D417	RU30A	DIODE	1	
D418	MA4082M	ZENER DIODE	1	
D419,20	RU30A	DIODE	2	
D423	MA188	DIODE	1	
D425	MA188	DIODE	1	
D427-29	ERA15-10	DIODE	3	
D431	B0JCDD000002	DIODE	1	
D433	MA4150M	ZENER DIODE	1	
D434	MA4082M	ZENER DIODE	1	
D435	ERA15-10	DIODE	1	
D436	MA188	DIODE	1	
D437	MA4082M	ZENER DIODE	1	
D438	MA4150M	ZENER DIODE	1	
D439	MA4130HTA	ZENER DIODE	1	
D440	MA4300M	ZENER DIODE	1	
D441	B0HAMM000122	DIODE	1	
D442	MA4075M	ZENER DIODE	1	
D443	MA4240MTA	ZENER DIODE	1	
D444	B0HAMM000122	DIODE	1	
D445	MA165	DIODE	1	
D459	MA188	DIODE	1	
D461	MA4082M	ZENER DIODE	1	
D462	MA142WKTX	ZENER DIODE	1	
D463-67	ERA15-10	DIODE	5	
D501	B0HANR000016	DIODE	1	
D503,04	MA165	DIODE	2	
D505	B0JAME000081	DIODE	1	
D506	MA4051NM	ZENER DIODE	1	
D507,08	MA4150M	ZENER DIODE	2	
D509,10	B0HANM000028	DIODE	2	
D511	B0HBSM000043	DIODE	1	
D514	MA4062M	ZENER DIODE	1	
D521	B0HAMP000067	DIODE	1	
D528,29	MA153	DIODE	2	
D530	MA4100M	ZENER DIODE	1	
D531,32	B0HAPR000012	DIODE	2	
D534	B0JBSG000026	DIODE	1	
D535	MA188	DIODE	1	
D536	B0JBSL000013	DIODE	1	
D538	MA3051M	ZENER DIODE	1	
D539	B0HBRP000007	DIODE	1	
D542	MA4180HTA	ZENER DIODE	1	
D543	MA4150M	ZENER DIODE	1	
D544,45	MA4180HTA	ZENER DIODE	2	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
D549	MA4075M	ZENER DIODE	1	
D551	MA4130M	ZENER DIODE	1	
D552	MA4082M	ZENER DIODE	1	
D555	MA4075M	ZENER DIODE	1	
D559	MA4075M	ZENER DIODE	1	
D563	MA4062M	ZENER DIODE	1	
D564	MAZ72000AF	ZENER DIODE	1	
D565	MA4160M	ZENER DIODE	1	
D566	B0HAMM000122	DIODE	1	
D568	MA3J142D0L	DIODE	1	
D569-71	MA4300M	ZENER DIODE	3	
D572	MA188	DIODE	1	
D574	MA111	DIODE	1	
D575	MA188	DIODE	1	
D579	MA111	DIODE	1	
D582	MAZ705600F	ZENER DIODE	1	
D584	MA4075M	ZENER DIODE	1	
D586	B0HAMP000067	DIODE	1	
D587	MA188	DIODE	1	
IC401	CNC1S171R	IC	1	⚠
IC402	C0BBAA000038	IC	1	
IC403,04	CNC1S171R	IC	2	⚠
IC406	C0DAZZZ00021	IC	1	
IC407	C0DBAZZ00111	IC	1	
IC408,09	CNC1S171R	IC	2	⚠
IC411	C0BBAA000038	IC	1	
IC412	CNC1S171R	IC	1	⚠
IC501	C2ABDD000064	IC	1	
IC502	C0EBH0000190	IC	1	
IC503,04	C0DAEMB00004	IC	2	
IC505	CNC1S171R	IC	1	
IC506	C0ZBZ0000878	IC	1	
IC507	C0CBABE00023	IC	1	
IC509	C0DABZZ00010	IC	1	
IC512	C0DAEMB00004	IC	1	
IC520	C9ZB00000496	IC	1	
L402	EXCELSA24	BEAD CHOKE	1	
L403	EXCELSA35	BEAD CHOKE	1	⚠
L404,05	G0B123K00003	INDUCTION COIL	2	
L501	EXCELSA35	BEAD CHOKE	1	
L502	TALL08N102JA	INDUCTION COIL	1	
L506	EXCELDR25C	BEAD CHOKE	1	
L509	J0JBC0000032	CHIP INDUCTOR	1	
L510	EXCELDR25C	BEAD CHOKE	1	
P2	K1KA06AA0479	6P CONNECTOR	1	
P5	K1KA11AA0183	11P CONNECTOR	1	
P9	K1KA03A00537	3P CONNECTOR	1	
P10	K1KA06AA0182	6P CONNECTOR	1	
P11	K1KA07AA0192	7P CONNECTOR	1	
P12	K1KA05AA0192	5P CONNECTOR	1	
P23	K1KA03AA0182	3P CONNECTOR	1	
P25	K1KA20AA0178	20P CONNECTOR	1	
P30	K1KA05AA0182	5P CONNECTOR	1	
PR401	K5Y502BA0001	FUSE	1	
PR402	K5G202B00015	FUSE	1	
PR501	K5H502Z00003	FUSE	1	
PR503	K5H502Z00003	FUSE	1	
PR509	K5H501Z00005	FUSE	1	
PR601	K5G312B00012	FUSE	1	
Q401	B1CHND000004	TRANSISTOR	1	
Q403	B1CBGD000001	TRANSISTOR	1	
Q404	B1BCCF000022	TRANSISTOR	1	
Q406	B1DEHQ000007	TRANSISTOR	1	
Q407	XN4601	TRANSISTOR	1	
Q408,09	B1CHND000004	TRANSISTOR	2	
Q412,13	B1DAGQ000013	TRANSISTOR	2	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
Q414	B1ABCF000134	TRANSISTOR	1	
Q415	2SB1218ARL	TRANSISTOR	1	
Q417	B1CHND000004	TRANSISTOR	1	
Q418	2SD1819A	TRANSISTOR	1	
Q420-22	2SD1819A	TRANSISTOR	3	
Q423,24	B1CBGD000001	TRANSISTOR	2	
Q430	B1CEJQ000002	TRANSISTOR	1	
Q431	B1DEGS000001	TRANSISTOR	1	
Q432	B1CEJQ000002	TRANSISTOR	1	
Q433	B1CBGD000001	TRANSISTOR	1	
Q434	B1CEJQ000002	TRANSISTOR	1	
Q435	B1CBGD000001	TRANSISTOR	1	
Q436	B1CEJQ000002	TRANSISTOR	1	
Q438	B1CBGD000001	TRANSISTOR	1	
Q439	B1CHND000004	TRANSISTOR	1	
Q440,41	2SD1819A	TRANSISTOR	2	
Q501,02	2SD1820A	TRANSISTOR	2	
Q503	XN0440100L	TRANSISTOR	1	
Q505	B1CEJQ000002	TRANSISTOR	1	
Q506	B1CHND000004	TRANSISTOR	1	
Q507	B1DAGQ000013	TRANSISTOR	1	
Q508	XN0450100L	TRANSISTOR	1	
Q509	XN0440100L	TRANSISTOR	1	
Q510	B1DHBD000004	TRANSISTOR	1	
Q511	B1CFND000005	TRANSISTOR	1	
Q512	B1CBGD000001	TRANSISTOR	1	
Q516	B1DHBD000004	TRANSISTOR	1	
Q517	B1HFCFA00021	TRANSISTOR	1	
Q518	B1DEHL000018	TRANSISTOR	1	
Q519	B1DEHF000002	TRANSISTOR	1	
Q520	B1HFCFA00021	TRANSISTOR	1	
Q525	B1CBGD000001	TRANSISTOR	1	
Q527	B1DEHL000018	TRANSISTOR	1	
Q530	B1CBGD000001	TRANSISTOR	1	
Q535	2SD1819A	TRANSISTOR	1	
Q536-38	B1CFQD000001	TRANSISTOR	3	
Q541	B1CBGD000001	TRANSISTOR	1	
Q544	XN0440100L	TRANSISTOR	1	
Q550	B1CHGD000006	TRANSISTOR	1	
Q551,52	B1CBGD000001	TRANSISTOR	2	
Q553	2SD1819A	TRANSISTOR	1	
Q554	B1DHBD000004	TRANSISTOR	1	
Q557	2SD1819A	TRANSISTOR	1	
Q558	B1CHHG000002	TRANSISTOR	1	
Q559	2SD1819A	TRANSISTOR	1	
Q560	B1CHHG000002	TRANSISTOR	1	
Q561,62	2SD1819A	TRANSISTOR	2	
Q564,65	2SD1819A	TRANSISTOR	2	
Q567	B1CBGD000001	TRANSISTOR	1	
R401	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R402	ERJ6EKF6803	M 680KOHM, 1/10W	1	
R403	ERJ6ENF4702	M 47KOHM, 1/10W	1	
R404	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R405	ERJ6EKF6803	M 680KOHM, 1/10W	1	
R407	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R408	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R410,11	D1F5100E0002	F 3.3 OHM, 5W	2	⚠
R412	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R413	D1F5100E0002	F 3.3 OHM, 5W	1	⚠
R414	ERJ8GEYJ153	M 15KOHM, J,1/8W	1	
R415	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R416	ERJ6GEYJ332	M 3.3KOHM,J,1/10W	1	
R417	ERJ6ENF4303	M 430KOHM, 1/10W	1	
R418	ERJ6GEYJ473	M 47KOHM,J,1/10W	1	
R419	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R420	ERJ6GEYJ474	M 470KOHM,J,1/10W	1	
R421	ERJ6GEYJ333	M 33KOHM,J,1/10W	1	
R422	ERJ8GEYJ181	M 180 OHM, J,1/8W	1	
R423	ERJ6GEYJ154	M 150KOHM,J,1/10W	1	
R424	ERJ6GEYJ223	M 22KOHM,J,1/10W	1	
R425	ERJ6GEYJ332	M 3.3KOHM,J,1/10W	1	
R426	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R427	ERJ6GEYJ334	M 330KOHM,J,1/10W	1	
R428	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R429	ERJ8GEYJ103	M 10KOHM, J,1/8W	1	
R430	ERJ6ENF4303	M 430KOHM, 1/10W	1	
R431	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R432	ERJ8GEYJ103	M 10KOHM, J,1/8W	1	
R433	ERJ6ENF1202	M 12KOHM, 1/10W	1	
R435	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R436	ERJ8GEYJ153	M 15KOHM, J,1/8W	1	
R437	ERJ6GEYJ183	M 18KOHM,J,1/10W	1	
R438	ERJ6GEYJ331	M 330 OHM,J,1/10W	1	
R439	ERG12SJ120	M 12 OHM, J,1/2W	1	
R440	ERJ8GEYJ474	M 470KOHM, J,1/8W	1	
R441,42	ERJ6EKF6803	M 680KOHM, 1/10W	2	
R443	EVMAASA00B23	CONTROL 2KOHMB	1	
R444	ERJ6GEYJ123	M 12KOHM,J,1/10W	1	
R445	ERJ6ENF1003	M 100KOHM, 1/10W	1	
R446	ERX2SJR39H	M0.39 OHM, J, 2W	1	
R447	ERJ6ENF3302	M 33KOHM, 1/10W	1	
R448,49	D0XGR10JA007	RESISTOR ARRAY	2	
R450	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R451	ERJ6GEYJ333	M 33KOHM,J,1/10W	1	
R452	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R453	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R454	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R455	ERJ6GEYJ106	M 10MOHM,J,1/10W	1	
R456,57	ERJ6GEYJ333	M 33KOHM,J,1/10W	2	
R458	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R461	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R462	ERJ6ENF4303	M 430KOHM, 1/10W	1	
R463	ERJ6GEYJ333	M 33KOHM,J,1/10W	1	
R464	ERJ6ENF3302	M 33KOHM, 1/10W	1	
R465	ERJ6ENF5603	M 560KOHM, 1/10W	1	
R466,67	ERJ6GEYJ102	M 1KOHM,J,1/10W	2	
R468	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R469	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R470	ERX2SJR39H	M0.39 OHM, J, 2W	1	
R471	ERJ6GEYJ332	M 3.3KOHM,J,1/10W	1	
R472,73	ERJ6ENF5603	M 560KOHM, 1/10W	2	
R474	ERG1SJ104P	M 100KOHM, J, 1W	1	
R475	ERJ6EKF6803	M 680KOHM, 1/10W	1	
R476,77	ERJ14YJ181U	M 181 OHM, J,1/4W	2	
R478	ERJ8GEYJ220	M 22 OHM, J,1/8W	1	
R479	ERG1SJ104P	M 100KOHM, J, 1W	1	
R480	ERJ6ENF9102	M91.0KOHM, 1/10W	1	
R481	ERJ6GEYJ106	M 10MOHM,J,1/10W	1	
R482	ERJ8GEYJ220	M 22 OHM, J,1/8W	1	
R483	ERJ6GEYJ106	M 10MOHM,J,1/10W	1	
R485	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R486,87	ERJ6GEYJ682	M 6.8KOHM,J,1/10W	2	
R488	ERJ6GEYJ106	M 10MOHM,J,1/10W	1	
R489	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R490,91	ERJ6GEYJ473	M 47KOHM,J,1/10W	2	
R492	ERJ6GEYJ220	M 22 OHM,J,1/10W	1	
R493	ERG12SJ120	M 12 OHM, J,1/2W	1	
R494-96	ERJ6ENF5603	M 560KOHM, 1/10W	3	
R497	ERJ6ENF2402	M 24KOHM, 1/10W	1	
R501	ERJ6GEYJ223	M 22KOHM,J,1/10W	1	
R502,03	ERJ6GEYJ104	M 100KOHM,J,1/10W	2	
R504	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R505	ERJ8GEYJ330	M 33 OHM, J,1/8W	1	
R506	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R507	ERJ6GEYJ221	M 220 OHM,J,1/10W	1	
R508	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R509-11	ERJ6GEYJ104	M 100KOHM,J,1/10W	3	
R512	ERJ6GEYJ223	M 22KOHM,J,1/10W	1	
R513,14	ERJ6GEYJ104	M 100KOHM,J,1/10W	2	
R515,16	ERJ6GEYJ102	M 1KOHM,J,1/10W	2	
R517	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R518	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R519,20	ERJ6GEYJ104	M 100KOHM,J,1/10W	2	
R521,22	ERJ8GEYJ100	M 10 OHM, J,1/8W	2	
R523	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R524	ERJ6GEYJ182	M 1.8KOHM,J,1/10W	1	
R525	ERJ6GEYJ473	M 47KOHM,J,1/10W	1	
R526,27	ERJ8GEYJ224	M 220KOHM, J,1/8W	2	
R528	ERJ6GEYJ4R7	M 4.7 OHM,J,1/10W	1	
R530	ERJ6RBD3302	M 33KOHM,F,1/10W	1	
R531	ERJ8GEYJ472	M 4.7KOHM, J,1/8W	1	
R532	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R533	ERJ8GEYJ223	M 22KOHM, J,1/8W	1	
R534	ERJ8GEYJ224	M 220KOHM, J,1/8W	1	
R535,36	ERJ6GEYJ102	M 1KOHM,J,1/10W	2	
R537	ERJ6ENF3602	M 36KOHM, 1/10W	1	
R538	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R539	ERJ6RBD1002	M 1.0KOHM, 1/10W	1	
R540	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R541	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R542	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R543	ERJ6GEYJ222	M 2.2KOHM,J,1/10W	1	
R544	ERJ6GEYJ331	M 330 OHM,J,1/10W	1	
R545	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R546,47	ERJ6GEYJ102	M 1KOHM,J,1/10W	2	
R548	ERJ8GEYJ102	M 1KOHM, J,1/8W	1	
R549	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R550	ERJ6GEYJ105	M 1MOHM,J,1/10W	1	
R551	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R552	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R553	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R554	ERJ6GEYJ332	M 3.3KOHM,J,1/10W	1	
R555,56	ERJ6GEYJ105	M 1MOHM,J,1/10W	2	
R557	ERJ8GEYJ471	M 470 OHM, J,1/8W	1	
R558	ERJ6GEYJ334	M 330KOHM,J,1/10W	1	
R559	ERJ6RBD4702	M 47KOHM, 1/10W	1	
R560	ERJ6ENF1302	M 13KOHM, 1/10W	1	
R561	ERJ6ENF4301	M 4.3KOHM, 1/10W	1	
R562	ERJ6ENF1802	M 18KOHM, 1/10W	1	
R563	ERJ6GEYJ2R2	M 2.2 OHM,J,1/10W	1	
R564	ERJ6GEYJ474	M 470KOHM,J,1/10W	1	
R565	ERJ6GEYJ334	M 330KOHM,J,1/10W	1	
R566	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R567	ERJ8GEYJ472	M 4.7KOHM, J,1/8W	1	
R568,69	ERG2SJ181	M 180 OHM, J, 2W	2	
R570	ERJ8GEYJ102	M 1KOHM, J,1/8W	1	
R571	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R572,73	ERJ8ENF3900	M 390 OHM, 1/8W	2	
R574	ERJ6GEYJ331	M 330 OHM,J,1/10W	1	
R575	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R576	ERJ6ENF1202	M 12KOHM, 1/10W	1	
R577,78	ERJ6GEYJ473	M 47KOHM,J,1/10W	2	
R579	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R580,81	ERJ6GEYJ473	M 47KOHM,J,1/10W	2	
R582	ERJ6ENF1002	M 10KOHM, 1/10W	1	
R583	ERJ6GEYJ473	M 47KOHM,J,1/10W	1	
R584	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R585	ERJ6GEYJ333	M 33KOHM,J,1/10W	1	
R586,87	ERJ6GEYJ473	M 47KOHM,J,1/10W	2	
R588	ERJ8ENF3900	M 390 OHM, 1/8W	1	
R589,90	ERJ8GEYJ123	M 12KOHM, J,1/8W	2	
R591	ERJ6GEYJ105	M 1MOHM,J,1/10W	1	
R592	ERJ6ENF3001	M 3KOHM, 1/10W	1	
R593	ERJ6ENF5601	M 5.6KOHM, 1/10W	1	
R594	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R595	ERJ8GEYJ222	M 2.2KOHM, J,1/8W	1	
R596	ERJ6ENF1002	M 10KOHM, 1/10W	1	
R597,98	ERJ6GEYJ473	M 47KOHM,J,1/10W	2	
R599,00	ERJ8GEYJ391	M 390 OHM, J,1/8W	2	
R601	ERJ6GEYJ473	M 47KOHM,J,1/10W	1	
R602	ERJ6ENF3301	M 3.3KOHM, 1/10W	1	
R603	ERJ6GEYJ332	M 3.3KOHM,J,1/10W	1	
R604	ERJ6GEYJ122	M 1.2KOHM,J,1/10W	1	
R606	ERJ6ENF1201	M 1.2KOHM, 1/10W	1	
R607	ERJ6GEYJ822	M 8.2KOHM,J,1/10W	1	
R608	ERJ8GEYJ332	M 3.3KOHM, J,1/8W	1	
R609	ERJ6GEYJ822	M 8.2KOHM,J,1/10W	1	
R610,11	ERJ6GEYJ103	M 10KOHM,J,1/10W	2	
R612	ERJ6GEYJ222	M 2.2KOHM,J,1/10W	1	
R613	ERJ6ENF1602	M 16KOHM, 1/10W	1	
R614	ERJ6ENF3301	M 3.3KOHM, 1/10W	1	
R615-17	ERJ6GEYJ103	M 10KOHM,J,1/10W	3	
R618	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R619	ERJ8RQFR68	M 0.68OHM, J,1/8W	1	
R620	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R621	ERJ8GEYJ123	M 12KOHM, J,1/8W	1	
R622	ERJ8ENF1503	M 15KOHM, 1/8W	1	
R623	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R624	ERX2SJR22	M0.22 OHM, J, 2W	1	
R625	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R626	ERJ8ENF1503	M 15KOHM, 1/8W	1	
R627	ERJ6GEYJ822	M 8.2KOHM,J,1/10W	1	
R628	EVMAASA00B33	CONTROL 3KOHMB	1	
R629	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R630	ERJ6GEYJ473	M 47KOHM,J,1/10W	1	
R631	ERJ8GEYJ333	M 33KOHM, J,1/8W	1	
R632	ERJ6GEYJ221	M 220 OHM,J,1/10W	1	
R633	ERJ6GEYJ334	M 330KOHM,J,1/10W	1	
R634	ERJ8RQFR68	M 0.68OHM, J,1/8W	1	
R636	ERJ8ENF1503	M 15KOHM, 1/8W	1	
R637	ERJ8RQFR68	M 0.68OHM, J,1/8W	1	
R640	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R641	ERJ6GEYJ473	M 47KOHM,J,1/10W	1	
R642-44	ERJ8RQFR68	M 0.68OHM, J,1/8W	3	
R645	ERJ6GEYJ473	M 47KOHM,J,1/10W	1	
R646,47	ERJ6GEYJ223	M 22KOHM,J,1/10W	2	
R648	ERJ8ENF1503	M 15KOHM, 1/8W	1	
R649	ERJ6GEYJ223	M 22KOHM,J,1/10W	1	
R650	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R651	ERJ6GEYJ473	M 47KOHM,J,1/10W	1	
R652	ERJ6ENF9101	M 9.1KOHM, 1/10W	1	
R653	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R654	ERJ8GEYJ101	M 100 OHM, J,1/8W	1	
R655	ERJ8RQJR39	M0.39 OHM, 1/8W	1	
R656	ERJ6ENF4702	M 47KOHM, 1/10W	1	
R657	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R658	ERJ6GEYJ105	M 1MOHM,J,1/10W	1	
R659	ERJ6ENF3002	M 30KOHM, 1/10W	1	
R660	ERJ6ENF1202	M 12KOHM, 1/10W	1	
R661	EVMAASA00B53	CONTROL 5KOHMB	1	
R662	ERJ6ENF1303	M 130KOHM, 1/10W	1	
R663	ERJ3GEYJ2R2	M 2.2 OHM,J,1/16W	1	
R664	ERJ6ENF9101	M 9.1KOHM, 1/10W	1	
R665	EVMAASA00B23	CONTROL 2KOHMB	1	
R666	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R667,68	ERJ8GEY0R00	M 0 OHM, 1/8W	2	
R669	ERJ6ENF1303	M 130KOHM, 1/10W	1	
R670	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R671	EVMAASA00B14	CONTROL 10KOHMB	1	
R674	ERJ8GEYJ333	M 33KOHM, J,1/8W	1	
R675	ERJ3GEYJ2R2	M 2.2 OHM,J,1/16W	1	
R676	ERJ8GEYJ333	M 33KOHM, J,1/8W	1	
R677	ERJ6GEYJ224	M 220KOHM,J,1/10W	1	
R678	ERJ6GEYJ223	M 22KOHM,J,1/10W	1	
R679,80	ERJ8RQJR39	M0.39 OHM, 1/8W	2	
R681	ERJ6ENF1500	M 150 OHM, 1/10W	1	
R682	ERJ6GEYJ222	M 2.2KOHM,J,1/10W	1	
R683	ERJ6ENF1500	M 150 OHM, 1/10W	1	
R684	ERJ6GEYJ223	M 22KOHM,J,1/10W	1	
R685	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R686	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R687	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R688	ERJ6GEYJ223	M 22KOHM,J,1/10W	1	
R689	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R690	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R691	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R692,93	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	2	
R694	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R695	ERJ6ENF1602	M 16KOHM, 1/10W	1	
R696	ERJ8GEYJ100	M 10 OHM, J,1/8W	1	
R697	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R698	ERJ8RQJR39	M0.39 OHM, 1/8W	1	
R702	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R703,04	ERG2SJ101	M 100 OHM, J, 2W	2	
R706	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R707	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R708	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R712	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R713	ERJ8GEYJ472	M 4.7KOHM, J,1/8W	1	
R901	ERJ6ENF2702	M 27KOHM, 1/10W	1	
R903-06	ERJ8ENF1203	M 12KOHM, 1/8W	4	
R907	ERJ6ENF2702	M 27KOHM, 1/10W	1	
R908	ERJ6GEYJ335	M 3.3MOHM,J,1/10W	1	
R909-11	ERJ6GEYJ106	M 10MOHM,J,1/10W	3	
R912	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R913,14	ERJ6GEYJ102	M 1KOHM,J,1/10W	2	
R915	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R916	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R917	ERJ6GEYJ334	M 330KOHM,J,1/10W	1	
R918	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R920	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R921	ERJ6RBD3092	M30.9KOHM,F,1/10W	1	
R922	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R925	ERJ6GEYJ335	M 3.3MOHM,J,1/10W	1	
R926,27	ERG2DJW224E	M 220KOHM, J, 2W	2	
R928-31	ERJ8ENF1203	M 12KOHM, 1/8W	4	
R932	ERJ6GEYJ105	M 1MOHM,J,1/10W	1	
RL402	TSEH8011	RELAY	1	⚠
RL403	TSE10801	RELAY	1	⚠
S401,02	J0LT00000009	SWITCH	2	⚠
T401	G4D4A0000107	SWITCHING TRANSFORMER	1	
T402	G4D1A0000098	SWITCHING TRANSFORMER	1	⚠
T404	G4D4A0000109	SWITCHING TRANSFORMER	1	⚠
T407	ETQ11K5AZ	CHOKE TRANS	1	⚠
T410	G4D2A0000229	SWITCHING TRANSFORMER	1	⚠
T601	G4D2A0000227	SWITCHING TRANSFORMER	1	
W2	ERDS2TJ391	C 390 OHM, J,1/4W	1	
X501	H2B400400021	CRYSTAL	1	
Z1,Z2	K4ZZ01000206	TERMINAL	2	
Z410	TMM7464-2	CLAMPER	1	
Z411	TMME190	CLAMPER	1	
Z412	TMM7443-3	CLAMPER	1	
Z413	TMM7464-2	CLAMPER	1	
Z414	TMME190	CLAMPER	1	
Z420	TMM23417	CLAMPER	1	
Z450-53	EYF52BCY	FUSE HOLDER	4	
ZN401,02	D4EAD6210001	VARISTOR	2	⚠
ZN403	D4EA8511A001	VARISTOR	1	⚠
ZN404	D4EAB681A011	VARISTOR	1	⚠

19.3. Electrical Replacement Parts List (42inch)

Note:

All parts except parts mentioned [PAVCCZ] in the Remarks column are supplied by AVC-SPC.

Parts mentioned [PAVCCZ] are supplied by PAVCCZ.

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
F401.402	K5D802BNA005	TIME LAG FUSE HIGH	2	⚠
C11	K1MN55BA0076	55P CONNECTOR	1	
C12	K1KA04BA0107	4P CONNECTOR	1	
C1MM2	TMME199	CLAMPER	1	
C21	K1MN55BA0076	55P CONNECTOR	1	
C22	K1KA04BA0107	4P CONNECTOR	1	
C23	K1KA12AA0153	12P CONNECTOR	1	
C801,02	EEVHB1C471	E 470UF, 16V	2	
C804	ECJ2XB1H222K	C 2200PF, K, 50V	1	
C805	ECJ1VB1C105K	C 0.01UF, K, 16V	1	
C806	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C807	ECJ3XF1C475Z	C 4.7UF, Z, 16V	1	
C808	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C809	TCUY1C225KBM	C 2.2UF, 16V	1	
C811,12	EEVHB1C471	E 470UF, 16V	2	
C814	ECJ2XB1H472K	C 4700PF, K, 50V	1	
C815	ECJ1VB1C105K	C 0.01UF, K, 16V	1	
C816	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C817	ECJ3XF1C475Z	C 4.7UF, Z, 16V	1	
C818	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C819	TCUY1C225KBM	C 2.2UF, 16V	1	
C820	ECJ2XC1H820J	C 82PF, J, 50V	1	
C821	F2H0J102A010	C 1000UF, 6.3V	1	
C822	EEVHB1C471	E 470UF, 16V	1	
C824	ECJ2XB1H472K	C 4700PF, K, 50V	1	
C825	ECJ1VB1C105K	C 0.01UF, K, 16V	1	
C826	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C827	ECJ3XF1C475Z	C 4.7UF, Z, 16V	1	
C828	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C829	F1J0J1060004	C 0.010UF, K, 16V	1	
C830	ECJ2XC1H820J	C 82PF, J, 50V	1	
C831	EEEHB1C470P	C 47PF, J, 16V	1	
C832	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C833	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
C834	EEEHB1C470P	C 47PF, J, 16V	1	
C835	F1J0J1060004	C 0.010UF, K, 16V	1	
C836	TCUY1C225KBM	C 2.2UF, 16V	1	
C837	F1J0J1060004	C 0.010UF, K, 16V	1	
C838	TCUY1C225KBM	C 2.2UF, 16V	1	
C839	F1J0J1060004	C 0.010UF, K, 16V	1	
C840	TCUY1C225KBM	C 2.2UF, 16V	1	
C841	F1J0J1060004	C 0.010UF, K, 16V	1	
C842	TCUY1C225KBM	C 2.2UF, 16V	1	
C843	F1J0J1060004	C 0.010UF, K, 16V	1	
C844	TCUY1C225KBM	C 2.2UF, 16V	1	
C845	F1J0J1060004	C 0.010UF, K, 16V	1	
C846	TCUY1C225KBM	C 2.2UF, 16V	1	
C847	F1J0J1060004	C 0.010UF, K, 16V	1	
C848	TCUY1C225KBM	C 2.2UF, 16V	1	
C1530	ECJ3XB0J106M	C 10UF, M,6.3V	1	
C2350,51	TCUY1C225KBM	C 2.2UF, 16V	2	
C2352,53	EEEHB1H100P	C 10PF, J, 50V	2	
C2354,55	EEEHB1V470P	E 47UF, 35V	2	
C2356,57	ECJ2XB1H102K	C 1000PF, K, 50V	2	
C2358,59	EEEHB1H2R2R	C 2.2PF, J, 50V	2	
C2360,61	ECJ2XC1H102J	C 1000PF, J, 50V	2	
C2362,63	EEEHB1E471UP	C 470PF, J, 25V	2	
C2364,65	ECQV1H104JM	P 0.1UF, J, 50V	2	
C2366,67	ECJ3YB1E225K	C 2.2UF, K, 25V	2	
C2368,69	ECQV1H104JM	P 0.1UF, J, 50V	2	
C2370,71	EEEHB1V470P	E 47UF, 35V	2	
C2373-75	ECJ1XB1C104K	C 0.1UF, Z, 16V	3	
C2376,77	ECJ1XC1H150J	C 15PF, J, 50V	2	
C2378-82	ECJ1XB1C104K	C 0.1UF, Z, 16V	5	
C2383	EEEHB1A101P	C 100PF, J, 10V	1	
C2384	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C2385	EEEHB1A101P	C 100PF, J, 10V	1	
C2386,87	EEEHB1H1R0R	C 1.0PF, J, 50V	2	
C2388	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C2389	EEEHB1A101P	C 100PF, J, 10V	1	
C2390	EEEHB1H100P	C 10PF, J, 50V	1	
C2391	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C2392,93	ECJ2VF1C105Z	C 1UF, Z, 16V	2	
C2394	EEEHB1H100P	C 10PF, J, 50V	1	
C2395,96	ECJ1XB1C104K	C 0.1UF, Z, 16V	2	
C2397	EEEHB1A101P	C 100PF, J, 10V	1	
C2398-03	ECJ1XB1C104K	C 0.1UF, Z, 16V	6	
C2404	ECJ1VB1C103K	C 0.010UF, K, 16V	1	
C2405,06	ECJ1VB0J225K	C 2.2UF, K, 6.3V	2	
C2407,08	F1J0J1060004	C 0.010UF, K, 16V	2	
C2409,10	ECJ1XC1H181J	C 180PF, J, 50V	2	
C2411-13	ECJ3XB1C106M	C 1.0UF, K, 16V	3	
C3001	ECJ1VF1H103Z	C 0.010UF, Z, 50V	1	
C3002	ECJ2XB1E104K	C 0.1UF, K, 25V	1	(HB)
C3002	ECJ3XF1C475Z	C 4.7UF, Z, 16V	1	(J)
C3003	ECJ2VF1C105Z	C 1UF, Z, 16V	1	(J)
C3003	EEEHP1A100R	E 10UF, 10V	1	(HB)
C3004	EEEHB1C470P	C 47PF, J, 16V	1	(J)
C3004	EEEHP1A100R	E 10UF, 10V	1	(HB)
C3005	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	(HB)
C3005	ECJ2VF1C105Z	C 1UF, Z, 16V	1	(J)
C3006	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	(HB)
C3006	ECJ2VF1C105Z	C 1UF, Z, 16V	1	(J)
C3007	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	(HB)
C3007	ECJ2VF1C105Z	C 1UF, Z, 16V	1	(HA)
C3007	EEEHB1C470P	C 47PF, J, 16V	1	(J)
C3008	ECJ1VF1H104Z	C 0.1UF, Z, 50V	1	(J)
C3008	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	(HB)
C3008	ECJ2VF1C105Z	C 1UF, Z, 16V	1	(HA)
C3009	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	(J)
C3009	EEEHB1C470P	C 47PF, J, 16V	1	(HB)
C3010	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	(HB)
C3011	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	(J)
C3011	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	(HB)
C3011	EEEHB1C470P	C 47PF, J, 16V	1	(HA)
C3012	ECJ1VF1H103Z	C 0.010UF, Z, 50V	1	(J)
C3012	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	(HB)
C3012	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	(HA)
C3013	ECJ1VF1H103Z	C 0.010UF, Z, 50V	1	(J)
C3013	ECJ2VF1C105Z	C 1UF, Z, 16V	1	(HB)
C3014	ECJ1VF1H103Z	C 0.010UF, Z, 50V	1	(J)
C3014	EEEHB1C470P	C 47PF, J, 16V	1	(HB)
C3015	ECJ1VF1H103Z	C 0.010UF, Z, 50V	1	(J)
C3015	ECJ1XC1H470J	C 47PF, J, 50V	1	(HB)
C3016	ECJ1VF1H103Z	C 0.010UF, Z, 50V	1	(J)
C3016	ECJ1XC1H220J	C 22PF, J, 50V	1	(HB)

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C3017	ECJ1VF1H103Z	C 0.010UF, Z, 50V	1	(J)
C3017	ECJ1XC1H680J	C 68PF, J, 50V	1	(HB)
C3018	EEEHB0J330R	C 33PF, J, 6.3V	1	(HB)
C3018	EEEHB1C470P	C 47PF, J, 16V	1	(J)
C3019	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	(J)
C3019	ECJ3YB0J335K	C 33UF, J, 25V	1	(HB)
C3020	TCUY1C225KBM	C 2.2UF, 16V	1	(J)
C3021	ECJ1VF1A105Z	C 1UF, Z, 10V	1	(HA)
C3021	ECJ2VF1C105Z	C 1UF, Z, 16V	1	(HB)
C3021	TCUY1C225KBM	C 2.2UF, 16V	1	(J)
C3022	ECJ1VF1A105Z	C 1UF, Z, 10V	1	(HB)
C3022	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	(HA)
C3022	TCUY1C225KBM	C 2.2UF, 16V	1	(J)
C3023	EEEHB0J101P	C 100PF, J, 6.3V	1	(HB)
C3023	TCUY1C225KBM	C 2.2UF, 16V	1	(J)
C3024	ECJ3XB0J106M	C 10UF, M,6.3V	1	(HB)
C3024-31	TCUY1C225KBM	C 2.2UF, 16V	8	(J)
C3033	ECJ2VF1C105Z	C 1UF, Z, 16V	1	
C3040,41	ECJ1XF1C104Z	C 0.1UF, Z, 16V	2	
C3051-54	ECJ1XC1H561J	C 560PF, J, 50V	4	
C3055,56	ECJ2VF1C105Z	C 1UF, Z, 16V	2	
C3101	TCUY1C225KBM	C 2.2UF, 16V	1	
C3102	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C3103	ECJ1VF1A105Z	C 1UF, Z, 10V	1	(HB)
C3103	TCUY1C225KBM	C 2.2UF, 16V	1	(J)
C3104	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	(HB)
C3105	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C3105	EEEHB0G221P	C 220PF, J, 4V	1	(HB)
C3106	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	(HB)
C3106	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	(J)
C3107	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	(HB)
C3107	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	(J)
C3108	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	(HB)
C3108	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	(J)
C3109,10	ECJ1XB1C104K	C 0.1UF, Z, 16V	2	(HB)
C3110	TCUY1C225KBM	C 2.2UF, 16V	1	(J)
C3111	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	(HB)
C3111	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	(J)
C3112	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	(HB)
C3112	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	(J)
C3113	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	(HB)
C3113	EEEHB1C470P	C 47PF, J, 16V	1	(J)
C3114	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	(HB)
C3114	ECJ3XF1C475Z	C 4.7UF, Z, 16V	1	(J)
C3115	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	(HB)
C3115	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	(J)
C3116-21	ECJ1XB1C104K	C 0.1UF, Z, 16V	6	
C3122	ECJ1VF1A105Z	C 1UF, Z, 10V	1	
C3123-26	ECJ1XB1C104K	C 0.1UF, Z, 16V	4	
C3127	ECJ2VF1C105Z	C 1UF, Z, 16V	1	
C3128-34	ECJ1XB1C104K	C 0.1UF, Z, 16V	7	
C3134	F2H0J102A010	C 1000UF, 6.3V	1	
C3135	ECJ1VB1C103K	C 0.010UF, K, 16V	1	(HB)
C3135	F2H0J102A010	C 1000UF, 6.3V	1	(J)
C3136	ECJ1XC1H330J	C 33PF, J, 50V	1	(HB)
C3136	F2H0J102A010	C 1000UF, 6.3V	1	(J)
C3137	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C3138	ECJ3XB0J106M	C 10UF, M,6.3V	1	
C3139	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C3140	ECJ1XC1H101J	C 100PF, J, 50V	1	
C3141	ECJ1XB0J105K	C 1UF, K, 16V	1	
C3142	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C3143	TCUY1C225KBM	C 2.2UF, 16V	1	
C3144	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	(HB)
C3144	TCUY1C225KBM	C 2.2UF, 16V	1	(J)
C3145	EEEHB1C470P	C 47PF, J, 16V	1	
C3146	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	(HB)
C3146	TCUY1C225KBM	C 2.2UF, 16V	1	(J)
C3147	ECJ3XB0J106M	C 10UF, M,6.3V	1	
C3148	ECJ1XB0J105K	C 1UF, K, 16V	1	
C3149	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C3150	ECJ1VB1C103K	C 0.010UF, K, 16V	1	(HB)
C3150	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	(J)
C3151	ECJ1XC1H330J	C 33PF, J, 50V	1	
C3152	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C3153	ECJ1XC1H101J	C 100PF, J, 50V	1	
C3154	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C3156	ECJ1XB0J105K	C 1UF, K, 16V	1	
C3157	ECJ3XB0J106M	C 10UF, M,6.3V	1	
C3158	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C3159	EEEHB0G221P	C 220PF, J, 4V	1	
C3160,61	ECJ1XB1C104K	C 0.1UF, Z, 16V	2	
C3162-66	ECJ1VF1A105Z	C 1UF, Z, 10V	5	
C3167-78	ECJ1XB1C104K	C 0.1UF, Z, 16V	12	
C3179	EEEHB0G221P	C 220PF, J, 4V	1	
C3180-83	ECJ1XB1C104K	C 0.1UF, Z, 16V	4	
C3185	ECJ1XC1H060D	C 6PF, D, 50V	1	
C3186	ECJ1XC1H470J	C 47PF, J, 50V	1	
C3188	ECJ1VF1A105Z	C 1UF, Z, 10V	1	
C3200	ECJ2VF1C105Z	C 1UF, Z, 16V	1	
C3201	F1J0J1060004	C 0.010UF, K, 16V	1	
C3202	ECJ1VF1A105Z	C 1UF, Z, 10V	1	(HB)
C3202	F1J0J1060004	C 0.010UF, K, 16V	1	(J)
C3203	ECJ1VF1A105Z	C 1UF, Z, 10V	1	(HB)
C3203	F1J0J1060004	C 0.010UF, K, 16V	1	(J)
C3204-06	ECJ1VF1A105Z	C 1UF, Z, 10V	3	
C3207	EEEHB0G221P	C 220PF, J, 4V	1	
C3208-14	ECJ1VF1A105Z	C 1UF, Z, 10V	7	
C3216,17	ECJ1VF1A105Z	C 1UF, Z, 10V	2	
C3218	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C3253	ECJ1XB1H102K	C 1000UF, Z, 50V	1	
C3254	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C3255	ECJ1XB1H102K	C 1000UF, Z, 50V	1	
C3256	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C3257	ECJ1XB1H102K	C 1000UF, Z, 50V	1	
C3258	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C3259	ECJ1XB1H102K	C 1000UF, Z, 50V	1	
C3260	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C3261	EEEHB0G221P	C 220PF, J, 4V	1	
C3262	ECJ1XB1H102K	C 1000UF, Z, 50V	1	
C3263,64	ECJ1XB1C104K	C 0.1UF, Z, 16V	2	
C3265	EEEHB0G221P	C 220PF, J, 4V	1	
C3266	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C3301	ECJ1VF1A105Z	C 1UF, Z, 10V	1	
C3308	EEEHB0G221P	C 220PF, J, 4V	1	
C3309	ECJ1VF1A105Z	C 1UF, Z, 10V	1	
C3311	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C3313	ECJ1VF1A105Z	C 1UF, Z, 10V	1	
C3316,17	ECJ1VF1A105Z	C 1UF, Z, 10V	2	
C3318-21	ECJ1XB1C104K	C 0.1UF, Z, 16V	4	
C3322,23	EEEHB0G221P	C 220PF, J, 4V	2	
C3324	EEVHB0J101P	E 100UF, 6.3V	1	
C3325	EEEHB1C470P	C 47PF, J, 16V	1	
C3327-30	ECJ1XB1C104K	C 0.1UF, Z, 16V	4	
C3404	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C3405	EEEHB1C470P	C 47PF, J, 16V	1	
C3409	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C3523	EEEHB1C470P	C 47PF, J, 16V	1	
C3524	ECJ2VF1H103Z	C 0.010UF, Z, 50V	1	
C3550	ECJ2VF1H103Z	C 0.010UF, Z, 50V	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C3551	EEEHB1C470P	C 47PF, J, 16V	1	
C3561,62	ECJ2VF1C105Z	C 1UF, Z, 16V	2	
C6001-03	F2A2D221A022	E 220UF, 200V	3	
C6005	F1L1E4750004	C 4.7UF, 25V	1	
C6007,08	ECA2CM101	E 100UF, 160V	2	
C6009	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C6011	F1L2J392A022	C 3900UF, K,6.3V	1	
C6012	F1L2J562A022	C 5600UF, K,6.3V	1	
C6016	F1L2J392A022	C 3900UF, K,6.3V	1	
C6017	F1L2J562A022	C 5600UF, K,6.3V	1	
C6021-30	ECQE2105RKB	P 1UF, 250V	10	
C6031,32	F1L1E4750004	C 4.7UF, 25V	2	
C6034,35	F1L1E4750004	C 4.7UF, 25V	2	
C6037	ECQE2224KF	P 2.2UF, K,250V	1	
C6043,44	F1L1E4750004	C 4.7UF, 25V	2	
C6046	F1L1E4750004	C 4.7UF, 25V	1	
C6047	F2A2D1510004	E 150UF, 200V	1	
C6048	EEUFC1E221	E 220UF, 25V	1	
C6049	F1L1E4750004	C 4.7UF, 25V	1	
C6050,51	TCUY1C105ZFN	C 1UF, 16V	2	
C6053,54	EEUFC1E221	E 220UF, 25V	2	
C6055	ECJ3YB1E105K	C 1UF, K, 25V	1	
C6056	EEUFC1A101	E 100UF, 10V	1	
C6057	F1L1E4750004	C 4.7UF, 25V	1	
C6058	ECJ3YB1E105K	C 1UF, K, 25V	1	
C6060,61	F1K2J471A014	C 470UF, K,6.3V	2	
C6456	ECA2CM101	E 100UF, 160V	1	
C6457	ECA2CHG100	E 10UF, 160V	1	
C6458	F1L1E4750004	C 4.7UF, 25V	1	
C6459	EEUFC1E470	E 47UF, 25V	1	
C6461	ECA1HM101	E 100UF, 50V	1	
C6462-65	F1L1E4750004	C 4.7UF, 25V	4	
C6466	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C6467	ECJ2XB1H472K	C 4700PF, K, 50V	1	
C6468	TCUY1C105ZFN	C 1UF, 16V	1	
C6469	EEUFC1E221	E 220UF, 25V	1	
C6470	ECA1HM221	E 220UF, 50V	1	
C6471	TCUY1C105ZFN	C 1UF, 16V	1	
C6472	ECJ2VB1H333K	C 0.033UF, K, 50V	1	
C6473	TCUY1C105ZFN	C 1UF, 16V	1	
C6474	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C6475	EEUFC1E221	E 220UF, 25V	1	
C6476	ECA2CM101	E 100UF, 160V	1	
C6478	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C6479,80	ECJ2XB1H104K	C 0.1UF, K, 50V	2	
C6490	F1K2J332A014	C 3300UF, K,6.3V	1	
C6491,92	F2A2G100A017	E 100UF, 400V	2	
C6493	ECJ3XB2J222K	C 2200PF, K,630V	1	
C6501-03	ECJ2XB1H104K	C 0.1UF, K, 50V	3	
C6505	ECJ2XB1H104K	C 0.1UF, K, 50V	1	
C6507	ECJ2XB1H104K	C 0.1UF, K, 50V	1	
C6509	ECJ2XC1H102J	C 1000PF, J, 50V	1	
C6511,12	F1L1E4750004	C 4.7UF, 25V	2	
C6513	ECA2CM101	E 100UF, 160V	1	
C6521	F1L1E4750004	C 4.7UF, 25V	1	
C6523	ECA1VM470	E 47UF, 35V	1	
C6524	F1K2J471A014	C 470UF, K,6.3V	1	
C6526	ECA2EHG220	E 22UF, 250V	1	
C6529,30	F1K2J471A014	C 470UF, K,6.3V	2	
C6531,32	F1L1E4750004	C 4.7UF, 25V	2	
C6533,34	F1K2J471A014	C 470UF, K,6.3V	2	
C6541	F1L1E4750004	C 4.7UF, 25V	1	
C6543,44	F1K2J102A014	C 1000PF,	2	
C6546	TCUY1C105ZFN	C 1UF, 16V	1	
C6550	ECA2CM101	E 100UF, 160V	1	
C6551	ECQE2224KF	P 2.2UF, K,250V	1	
C6571	ECJ2XB1H104K	C 0.1UF, K, 50V	1	
C6575	ECJ2XB1H104K	C 0.1UF, K, 50V	1	
C6577	ECJ2XB1H104K	C 0.1UF, K, 50V	1	
C6580,81	TCUY1C105ZFN	C 1UF, 16V	2	
C6584	ECJ3YB1E105K	C 1UF, K, 25V	1	
C6585	TCUY1C105ZFN	C 1UF, 16V	1	
C6587	ECJ3YB1E105K	C 1UF, K, 25V	1	
C6588	TCUY1C105ZFN	C 1UF, 16V	1	
C6589	F1L1E4750004	C 4.7UF, 25V	1	
C6590	TCUY1C105ZFN	C 1UF, 16V	1	
C6591	F1L1E4750004	C 4.7UF, 25V	1	
C6598	ECA1CM220	E 22UF, 16V	1	
C6601-03	F2A2D221A022	E 220UF, 200V	3	
C6607	ECJ3YB1E105K	C 1UF, K, 25V	1	
C6608	ECA1EM471	E 470UF, 25V	1	
C6611	F1L2J392A022	C 3900UF, K,6.3V	1	
C6612	F1L2J562A022	C 5600UF, K,6.3V	1	
C6615	F1L2J562A022	C 5600UF, K,6.3V	1	
C6616	F1L2J392A022	C 3900UF, K,6.3V	1	
C6617	F1L2J562A022	C 5600UF, K,6.3V	1	
C6621-30	ECQE2105RKB	P 1UF, 250V	10	
C6631,32	F1L1E4750004	C 4.7UF, 25V	2	
C6634,35	F1L1E4750004	C 4.7UF, 25V	2	
C6637	F1L1E4750004	C 4.7UF, 25V	1	
C6639	F1L1E4750004	C 4.7UF, 25V	1	
C6647	TCUY1C105ZFN	C 1UF, 16V	1	
C6650	ECQE2224KF	P 2.2UF, K,250V	1	
C6651,52	ECJ2XB1H103K	C 0.01UF, K, 50V	2	
C6655,56	EEUFC1A101	E 100UF, 10V	2	
C6659,60	F1K2J471A014	C 470UF, K,6.3V	2	
C6901-04	TCUY1C105ZFN	C 1UF, 16V	4	
C6911,12	ECJ2XB1H102K	C 1000PF, K, 50V	2	
C6917	ECJ2XB1H221K	C 220PF, K, 50V	1	
C6931	F1L2E1040002	E 1000UF, 25V	1	
C6933	F1L2E1040002	E 1000UF, 25V	1	
C6955-58	TCUY1C105ZFN	C 1UF, 16V	4	
C6971,72	ECJ2XB1H102K	C 1000PF, K, 50V	2	
C6977	F1L2E1040002	E 1000UF, 25V	1	
C6979	F1L2E1040002	E 1000UF, 25V	1	
C7101	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C7104-06	TCUY1C105ZFN	C 1UF, 16V	3	
C7108-10	TCUY1C105ZFN	C 1UF, 16V	3	
C7135	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C7138,39	ECJ1XB1C104K	C 0.1UF, Z, 16V	2	
C7153	ECJ1XC1H101J	C 100PF, J, 50V	1	
C7161	ECJ3XB2A474K	C 0.47UF, 6.3V	1	
C7163	ECJ3XB2A474K	C 0.47UF, 6.3V	1	
C7165	ECJ3XB2A474K	C 0.47UF, 6.3V	1	
C7182	ECJ1XC1H101J	C 100PF, J, 50V	1	
C7186	ECJ1XC1H101J	C 100PF, J, 50V	1	
C7201	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C7203-06	TCUY1C105ZFN	C 1UF, 16V	4	
C7208,09	TCUY1C105ZFN	C 1UF, 16V	2	
C7218,19	TCUY1C105ZFN	C 1UF, 16V	2	
C7222	TCUY1C105ZFN	C 1UF, 16V	1	
C7226,27	ECJ1XC1H220J	C 22PF, J, 50V	2	
C7235	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C7237	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C7239	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C7242	TCUY1C105ZFN	C 1UF, 16V	1	
C7253-56	ECJ1XC1H101J	C 100PF, J, 50V	4	
C7266	ECJ3XB2A474K	C 0.47UF, 6.3V	1	
C7268	ECJ3XB2A474K	C 0.47UF, 6.3V	1	
C7270	ECJ3XB2A474K	C 0.47UF, 6.3V	1	
C7272	ECJ3XB2A474K	C 0.47UF, 6.3V	1	
C8001	EEEHB1C470P	C 47PF, J, 16V	1	
C8003	ECJ1VF1H104Z	C 0.1UF, Z, 50V	1	
C8005	ECJ1VF1H103Z	C 0.010UF, Z, 50V	1	
C8007	ECJ1XC1H101J	C 100PF, J, 50V	1	
C8009	ECJ3XB0J106M	C 10UF, M,6.3V	1	
C8013	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C8015	ECJ3YF1A106Z	C 10UF, Z, 10V	1	
C8016	ECJ3YB1A475K	C 0.047UF, K, 10V	1	
C8019	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
C8021	ECJ3VB1C474K	C 0.47UF, K, 16V	1	
C8023	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
C8025	ECJ1VB1H103K	C 0.001UF, K, 50V	1	
C8027	TCUY1C225KBM	C 2.2UF, 16V	1	
C8029	ECJ1VF1H103Z	C 0.010UF, Z, 50V	1	
C8030	EEEHB1C470P	C 47PF, J, 16V	1	
C8033	ECJ1XC1H102J	C 1000PF, J, 50V	1	
C8035	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C8036	ECJ1XC1H101J	C 100PF, J, 50V	1	
C8038	ECJ2XC1H102J	C 1000PF, J, 50V	1	
C8045	ECJ2VF1C105Z	C 1UF, Z, 16V	1	
C8049	ECJ2VF1H103Z	C 0.010UF, Z, 50V	1	
C8051	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C8070	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C8071	EEEHB1C470P	C 47PF, J, 16V	1	
C8072,73	ECJ3YF1A106Z	C 10UF, Z, 10V	2	
C8080-83	ECJ1XF1C104Z	C 0.1UF, Z, 16V	4	
C8084	TCUY1C105ZFN	C 1UF, 16V	1	
C8100	EEEHB1C470P	C 47PF, J, 16V	1	
C8101	ECJ1VF1H103Z	C 0.010UF, Z, 50V	1	
C8102,03	EEEHB1C470P	C 47PF, J, 16V	2	
C8105,06	EEEHB1C470P	C 47PF, J, 16V	2	
C8107	EEVHB1C471	E 470UF, 16V	1	
C8108,09	ECJ1XF1C104Z	C 0.1UF, Z, 16V	2	
C8111-13	ECJ1XF1C104Z	C 0.1UF, Z, 16V	3	
C8114	ECJ2VF1H103Z	C 0.010UF, Z, 50V	1	
C8115	EEEHB1C470P	C 47PF, J, 16V	1	
C8116	ECJ1VF1H103Z	C 0.010UF, Z, 50V	1	
C8120	EEEHB1C470P	C 47PF, J, 16V	1	
C8121	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C8122	EEEHB1C470P	C 47PF, J, 16V	1	
C8123	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C8181,82	ECJ1XC1H150J	C 15PF, J, 50V	2	
C8183	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C8185	EECS5R5H155	E 1.5UF, 5.5V	1	
C8200	EEEHB1C470P	C 47PF, J, 16V	1	
C9001,02	ECJ1XF1C104Z	C 0.1UF, Z, 16V	2	
C9003	ECJ1VB1H822K	C 8200PF, K, 50V	1	
C9004	ECJ1VB1C823K	C 0.082UF, K, 16V	1	
C9006	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9007-09	ECJ2XB1H103K	C 0.01UF, K, 50V	3	
C9010	ECJ1XB1H102K	C 1000UF, Z, 50V	1	
C9011-13	ECJ1XF1C104Z	C 0.1UF, Z, 16V	3	
C9016	F1J0J106A013	C 0.010UF, K, 16V	1	
C9017	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9019	F1J0J106A013	C 0.010UF, K, 16V	1	
C9020	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9022	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9031	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9101-05	ECJ1XF1C104Z	C 0.1UF, Z, 16V	5	
C9107,08	ECJ1XF1C104Z	C 0.1UF, Z, 16V	2	
C9151-54	TCUY1C105ZFN	C 1UF, 16V	4	
C9155	EEEHB1C470P	C 47PF, J, 16V	1	
C9156	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9201	EEEHB1C470P	C 47PF, J, 16V	1	
C9202-13	ECJ1XB1C104K	C 0.1UF, Z, 16V	12	
C9214	EEEHB1C470P	C 47PF, J, 16V	1	
C9215-22	ECJ1XB1C104K	C 0.1UF, Z, 16V	8	
C9234	ECJ1VF1H103Z	C 0.010UF, Z, 50V	1	
C9235,36	ECJ1XF1C104Z	C 0.1UF, Z, 16V	2	
C9241	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9301	ECJ1VF1H103Z	C 0.010UF, Z, 50V	1	
C9302	ECJ2FF1C475Z	C 0.047UF, Z, 16V	1	
C9303	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9304	ECJ1VF1H103Z	C 0.010UF, Z, 50V	1	
C9305	ECJ2FF1C475Z	C 0.047UF, Z, 16V	1	
C9306	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9502	F1J0J106A013	C 0.010UF, K, 16V	1	
C9503,04	ECJ1XB1C104K	C 0.1UF, Z, 16V	2	
C9505	ECJ1XC1H150J	C 15PF, J, 50V	1	
C9506	ECJ1XC1H080D	C 8PF, D, 50V	1	
C9521-32	ECJ1XB1C104K	C 0.1UF, Z, 16V	12	
C9533	EEEHB0G221P	C 220PF, J, 4V	1	
C9541-52	ECJ1XB1C104K	C 0.1UF, Z, 16V	12	
C9553	EEEHB0G221P	C 220PF, J, 4V	1	
C9561	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9562	ECJ2FF1C475Z	C 0.047UF, Z, 16V	1	
C9602	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C9604	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C9606	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C9608	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C9610	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C9612	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C9614	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C9616	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C9618	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C9620	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C9622	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C9624	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C9626	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C9628	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C9630	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C9632	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C9634	EEEHB0G221P	C 220PF, J, 4V	1	
C9635	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C9637	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C9639	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C9641	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C9643	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C9645	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C9647	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C9649	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C9651	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C9653	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C9655	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C9657	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C9659	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C9661	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C9663	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C9665	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C9667	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C9669	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C9670	EEEHB0G221P	C 220PF, J, 4V	1	
C9671,72	ECJ1XB1C104K	C 0.1UF, Z, 16V	2	
C9676	ECJ1XC1H080D	C 8PF, D, 50V	1	
C9682,83	ECJ1XB1C104K	C 0.1UF, Z, 16V	2	
C9691	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C9692	F1J0J106A013	C 0.010UF, K, 16V	1	
C9693	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C9694	F1J0J106A013	C 0.010UF, K, 16V	1	
C9696	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9701-11	ECJ1XB1C104K	C 0.1UF, Z, 16V	11	
C9712	ECJ1XB1H102K	C 1000UF, Z, 50V	1	
C9713	ECJ1XF1H102Z	C 1000PF, Z, 50V	1	
C9715-18	TCUY1C105ZFN	C 1UF, 16V	4	
C9721-23	ECJ1XF1C104Z	C 0.1UF, Z, 16V	3	
C9724	ECJ1VC1H270J	C 27PF, J, 50V	1	
C9725	ECJ1XC1H220J	C 22PF, J, 50V	1	
C9726	ECJ1XF1H102Z	C 1000PF, Z, 50V	1	
C9733	ECJ2FF1C475Z	C 0.047UF, Z, 16V	1	
C9734	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9735	ECJ2FF1C475Z	C 0.047UF, Z, 16V	1	
C9736,37	ECJ1XF1C104Z	C 0.1UF, Z, 16V	2	
C9738	ECJ1XC1H101J	C 100PF, J, 50V	1	
C9741	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9745	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9746	ECJ1XC1H101J	C 100PF, J, 50V	1	
C9747-49	ECJ1XF1C104Z	C 0.1UF, Z, 16V	3	
C9750	ECJ1VF1H103Z	C 0.010UF, Z, 50V	1	
C9761	EEEHB1C470P	C 47PF, J, 16V	1	
C9762	ECJ1VF1H103Z	C 0.010UF, Z, 50V	1	
C9763	EEEHB1C470P	C 47PF, J, 16V	1	
C9764	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9766	EEEHB1C470P	C 47PF, J, 16V	1	
C9767	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9951	ECJ2FF1C475Z	C 0.047UF, Z, 16V	1	
C9952	F2H1E221A007	E 2.2UF, 25V	1	
C9955	EEEHB0G221P	C 220PF, J, 4V	1	
C9957	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9959	ECJ2FF1C475Z	C 0.047UF, Z, 16V	1	
C9961	ECJ2XB1H472K	C 4700PF, K, 50V	1	
C9963	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C9964	ECJ2FF1C475Z	C 0.047UF, Z, 16V	1	
C9965	F2H1E221A007	E 2.2UF, 25V	1	
C9969	ECGRL0G680R	C 68PF, J, 4V	1	
C9970	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9974	ECJ2XB1H472K	C 4700PF, K, 50V	1	
C9975	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C9981	EEEHB1C470P	C 47PF, J, 16V	1	
C9982	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9983	EEEHB0G221P	C 220PF, J, 4V	1	
C9984	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9985	F1J0J106A013	C 0.010UF, K, 16V	1	
C9986	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9988	F1J0J106A013	C 0.010UF, K, 16V	1	
C9989	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9991	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9992	EEEHB1C470P	C 47PF, J, 16V	1	
C9993	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9994	F1J0J106A013	C 0.010UF, K, 16V	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
CB1-B7	K1MN68BA0002	68P CONNECTOR	7	
D1	K1KA20AA0335	20P CONNECTOR	1	
D3	K1KA40AA0009	40P CONNECTOR	1	
D4	K1KA14A00248	14P CONNECTOR	1	
D5	K1KA31A00007	31P CONNECTOR	1	
D10	K1KA12AA0105	12P CONNECTOR	1	
D20	K1KA20AA0008	20P CONNECTOR	1	
D25	K1KA20AA0009	20P CONNECTOR	1	
D31,32	K1MN55BA0094	55P CONNECTOR	2	
D801	B0JCPD000026	DIODE	1	
D802,03	B0JCME000037	DIODE	2	
D1550	LNJ107W5PRW	LED	1	
D1551	MA8033L	ZENER DIODE	1	
D1554	MA8033L	ZENER DIODE	1	
D2301-03	B0JCME000037	DIODE	3	
D3001	MA111	DIODE	1	(J)
D3001	MA729	DIODE	1	(HB)
D3002	MA3100M	ZENER DIODE	1	
D3003,04	MA111	DIODE	2	
D3005	LNJ206R5ARA	LED	1	
D3007,08	MA111	DIODE	2	
D3061	MA728	DIODE	1	
D3501-04	MA3056M	ZENER DIODE	4	
D3507-10	MA8160H	ZENER DIODE	4	
D6001,02	B0HBSN000008	DIODE	2	
D6015	B0ECHP000003	DIODE	1	
D6020	B0HBSN000008	DIODE	1	
D6021	B0ECHP000003	DIODE	1	
D6022	B0HBSN000008	DIODE	1	
D6023	B0ECHP000003	DIODE	1	
D6024	B0HBSN000008	DIODE	1	
D6029	B0HBSN000008	DIODE	1	
D6035	MA8033L	ZENER DIODE	1	
D6036	MA111	DIODE	1	
D6040,41	B0ECHP000003	DIODE	2	
D6051	B0ECHP000003	DIODE	1	
D6052,53	B0JCME000037	DIODE	2	
D6054	B0ECHP000003	DIODE	1	
D6055	B0JCME000037	DIODE	1	
D6057	B0ECHP000003	DIODE	1	
D6058-60	MA111	DIODE	3	
D6061	MA8082MTX	ZENER DIODE	1	
D6062	MA111	DIODE	1	
D6063	MA8051L	ZENER DIODE	1	
D6064	MA111	DIODE	1	
D6065	LNJ301MPUJA	LED	1	
D6066,67	MA8330M	ZENER DIODE	2	
D6070	MA111	DIODE	1	
D6451	B0JCME000037	DIODE	1	
D6452,53	MA111	DIODE	2	
D6455	MA111	DIODE	1	
D6456	B0ECHP000003	DIODE	1	
D6459	MA111	DIODE	1	
D6460,61	B0HCKS000002	DIODE	2	
D6462	B0JCME000037	DIODE	1	
D6463	MA8056H	ZENER DIODE	1	
D6464	B0JCME000037	DIODE	1	
D6465,66	MA8330M	ZENER DIODE	2	
D6467	B0ECHP000003	DIODE	1	
D6468	MA111	DIODE	1	
D6470,71	MA111	DIODE	2	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
D6473	MA111	DIODE	1	
D6475	MA111	DIODE	1	
D6476	B0ECHP000003	DIODE	1	
D6477	MA111	DIODE	1	
D6478	B0HCKS000002	DIODE	1	
D6479	MA111	DIODE	1	
D6481,82	MA8330M	ZENER DIODE	2	
D6483-90	MA8056H	ZENER DIODE	8	
D6491,92	B0ECHP000003	DIODE	2	
D6495	B0HCKS000002	DIODE	1	
D6496	B0JCME000037	DIODE	1	
D6501,02	MA111	DIODE	2	
D6503	MA8056H	ZENER DIODE	1	
D6509	MA111	DIODE	1	
D6511	B0HCMM000014	DIODE	1	
D6512-14	MA111	DIODE	3	
D6515	MA8240M	ZENER DIODE	1	
D6516	MA111	DIODE	1	
D6519	MA111	DIODE	1	
D6520	B0JCKG000002	DIODE	1	
D6521	B0ECHP000003	DIODE	1	
D6522	MA111	DIODE	1	
D6523	B0ECHP000003	DIODE	1	
D6524	MA8051L	ZENER DIODE	1	
D6525	MA111	DIODE	1	
D6526	B0HCMM000014	DIODE	1	
D6527	MA111	DIODE	1	
D6529	B0JCME000037	DIODE	1	
D6541	B0HCKS000002	DIODE	1	
D6542	MA111	DIODE	1	
D6543	B0HCKS000002	DIODE	1	
D6544	MA111	DIODE	1	
D6545	MA8051L	ZENER DIODE	1	
D6546-48	MA8330M	ZENER DIODE	3	
D6549,50	MA111	DIODE	2	
D6551	B0JCME000037	DIODE	1	
D6552,53	MA111	DIODE	2	
D6554	B0HCKS000002	DIODE	1	
D6570	B0HCMM000014	DIODE	1	
D6572	B0ECHP000003	DIODE	1	
D6582	MA8051L	ZENER DIODE	1	
D6583	LNJ301MPUJA	LED	1	
D6584	MA111	DIODE	1	
D6585,86	MA8330M	ZENER DIODE	2	
D6601,02	B0HBSN000008	DIODE	2	
D6615	B0ECHP000003	DIODE	1	
D6620	B0HBSN000008	DIODE	1	
D6621	B0ECHP000003	DIODE	1	
D6622	B0HBSN000008	DIODE	1	
D6623	B0ECHP000003	DIODE	1	
D6624	B0HBSN000008	DIODE	1	
D6629	B0HBSN000008	DIODE	1	
D6635	MA8033L	ZENER DIODE	1	
D6636	MA111	DIODE	1	
D6640	B0ECHP000003	DIODE	1	
D6647	B0ECHP000003	DIODE	1	
D6901-03	MA8056H	ZENER DIODE	3	
D6905	B0ECHP000003	DIODE	1	
D6909,10	B0ECHP000003	DIODE	2	
D6956,57	MA8056H	ZENER DIODE	2	
D6961,62	B0ECHP000003	DIODE	2	
D8001	MA111	DIODE	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
D8003	MA111	DIODE	1	
D8010,11	MA153	DIODE	2	
D8180	MA111	DIODE	1	
D8181	MA8056-M	DIODE	1	
D8183	MA8033L	ZENER DIODE	1	
D8184,85	MA8056-M	DIODE	2	
D8200	MA3150M	ZENER DIODE	1	
D8201	MA111	DIODE	1	
D8203	MA3100M	ZENER DIODE	1	
D8204	MA111	DIODE	1	
D9301,02	MA152K	DIODE	2	
D9702-05	MA3033	ZENER DIODE	4	
D9707	MA728	DIODE	1	
D9711-13	MA152K	DIODE	3	
D9715	MA728	DIODE	1	
D9721	MA3036H	ZENER DIODE	1	
D9731	MA728	DIODE	1	
D9732-35	MA152K	DIODE	4	
D9951,52	B0JCPE000004	DIODE	2	
FL3000-03	F1J1E1040022	LC FILTER	4	
FL3006-10	F1J1E1040022	LC FILTER	5	
FL3507-09	J0HABB000004	LC FILTER	3	
FL3510-17	TLK212T256AL	EMI FILTER	8	
FL7106	J0HABH000013	LC FILTER	1	
FL7208	J0HABH000013	LC FILTER	1	
FL9001	J0MAB0000175	LC FILTER	1	
FL9601-03	F1J1E1040022	LC FILTER	3	
FL9701-03	F1J1E1040022	LC FILTER	3	
FL9705-09	F1J1E1040022	LC FILTER	5	
H0	K1KA08AA0150	8P CONNECTOR	1	
H1	K1KA80B00037	80P CONNECTOR	1	(HA)
H1	K1KA80B00037	80P CONNECTOR	1	(HB)
H37	K1KA03AA0190	3P CONNECTOR	1	
HX1	K1KB22A00036	22P CONNECTOR	1	
IC801-03	C0DBAMH00013	IC	3	
IC804	C0CBCAC00275	IC	1	
IC2301,02	C1BA00000383	IC	2	
IC2303	C1BB00001006	IC	1	
IC2305	C0ABBA000168	IC	1	
IC3001	C0JBAR000419	IC	1	(HB)
IC3001	MC14052BF	MOS IC (CMOS GATE ARRLY)	1	(J)
IC3002	C0ABGB000001	IC	1	(HB)
IC3002	C0JBBR000002	IC	1	(J)
IC3002	C3EAGC000027	IC	1	(HA)
IC3003	C0ABGB000001	IC	1	(HB)
IC3003	CXA1315M	LINEAR IC	1	
IC3004	CXA1875AM	LINEAR IC	1	
IC3005	C1AB00002311	IC	1	
IC3007,08	C0JBAS000215	IC	2	
IC3101	C0DBEZG00018	IC	1	
IC3101	C1AB00002238	IC	1	
IC3102	C0DBZLB00003	IC	1	
IC3103	C1AB00002158	IC	1	
IC3104	PST9128NR	IC (LOGIC)	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
IC3105	C0JBAZ002269	IC	1	
IC3150	C0JBAA000419	IC	1	
IC3201	C3HBKZ000002	IC	1	
IC3251	C0ZBZ0000967	IC	1	
IC3301	MM1065ZMR	LINEAR IC	1	
IC3302	C0DBEZG00018	IC	1	
IC3303	AN80L25RMS	IC	1	
IC3304	C0JBAZ002344	IC	1	
IC3305	JLC1562BF	MOS IC (MICON LSI)	1	
IC3502	TVRN650	IC	1	
IC3699	C3EBGC000065	IC	1	
IC6001-03	C0ZBZ0000895	IC	3	
IC6004	C0ZBZ0001033	IC	1	
IC6005	NJM2903M	INTEGRATED CIRCUIT	1	
IC6006	C0JBAZ000005	IC	1	
IC6011	AN1431M	LINEAR IC	1	
IC6451	AN1431M	LINEAR IC	1	
IC6452, 53	C0CBALC00010	IC	2	
IC6454, 55	C0CBADC00075	IC	2	
IC6456	AN1431M	LINEAR IC	1	
IC6471, 72	AN1431M	LINEAR IC	2	
IC6491	AN1431M	LINEAR IC	1	
IC6501, 02	C0JBAZ000994	IC	2	
IC6511	C0ZBZ0001033	IC	1	
IC6512	C0CBADC00075	IC	1	
IC6521	C0ZBZ0001033	IC	1	
IC6541, 42	C0ZBZ0001033	IC	2	
IC6543	C0CBADC00075	IC	1	
IC6581	NJM2903M	INTEGRATED CIRCUIT	1	
IC6601, 02	C0ZBZ0000895	IC	2	
IC6605, 06	C0JBAZ000005	IC	2	
IC6607	C0JBAA000174	IC	1	
IC6901-04	AN16021A-VT	IC	4	
IC6955-58	AN16021A-VT	IC	4	
IC7101	C0JBAZ001120	IC	1	
IC7104-06	C0JBAZ001120	IC	3	
IC7201-04	C0JBAZ001120	IC	4	
IC8001	MC14052BF	MOS IC (CMOS GATE ARRLY)	1	
IC8003	C1AA00000706	IC	1	
IC8005	C0JBAB000646	IC	1	
IC8007	C0JBAR000419	IC	1	
IC8009	C0JBAS000215	IC	1	
IC8014	C0ZBZ0000911	IC	1	
IC8016	C0JBAZ001934	IC	1	
IC8100	C0CBAKG00008	IC	1	
IC8181	C1DB00001208	IC	1	
IC9001	C0FBAD000102	IC	1	
IC9002	C0CBCBC00190	IC	1	
IC9031	C0JBAZ002198	IC	1	
IC9101	C0ZBZ0000764	IC	1	
IC9102	C0JBAZ002198	IC	1	
IC9103	C0JBAE000354	IC	1	
IC9151-54	C0JBAZ000856	IC	4	
IC9201	C1ZBZ0002917	IC	1	
IC9202	C0EBD0000038	IC	1	
IC9203	TVRN628	IC	1	
IC9303	TVRN627	IC	1	
IC9500	C1ZBZ0002769	IC	1	
IC9601	MN84513-A	IC	1	
IC9602, 03	C3ABPJ000071	IC	2	
IC9605	PST9128NR	IC (LOGIC)	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
IC9701	MN102H90MPD	IC	1	
IC9702	TVRN500	IC	1	
IC9703	TVRN634	IC	1	TH-42PWD8GK/GS/UK
IC9703	TVRN635	IC	1	TH-42PWD8BK/BS/EK/ES PAVCCZ
IC9704	C0EBE0000447	IC	1	
IC9711	C0JBAE000354	IC	1	
IC9713	C0JBAS000215	IC	1	
IC9714	C0JBAZ000856	IC	1	
IC9715	C0JBAE000354	IC	1	
IC9951	C0DBAMH00013	IC	1	
IC9952	C0DBAMH00014	IC	1	
IC9953	C0DBEJG00001	IC	1	
IC9954	C0DBEGE00002	IC	1	
IC9955	C0CBCAC00282	IC	1	
J1	K1KA20AA0335	20P CONNECTOR	1	
J2	K1KA06BA0047	6P CONNECTOR	1	
J3	K1KA40AA0009	40P CONNECTOR	1	
J4	K1KA11BA0051	11P CONNECTOR	1	
J5	K1KA21B00008	21P CONNECTOR	1	
J6	K1KA21B00009	21P CONNECTOR	1	
J7,J8	K1KA03BA0055	3P CONNECTOR	2	
J10	K1KA06BA0050	6P CONNECTOR	1	
J11-13	K1KB80B00024	80P CONNECTOR	3	
J14	K1KA22A00067	22P CONNECTOR	1	
J15	K1KA03BA0047	3P CONNECTOR	1	
JK3001	K1CB106B0027	CONNECTOR	1	(HB)
JK3001	K1QBB3BB0002	CONNECTOR	1	(HA)
JK3002	K1QBB2AB0005	CONNECTOR	1	(HB)
JK3002	K2HA204B0097	JACK	1	(HA)
JK3004	K2HA204B0097	JACK	1	
JK3509	K1FB109BA018	CONNECTOR	1	
JK3511	K1FB115BA020	CONNECTOR	1	
JK3513	K2HC103B0105	JACK	1	
JK8500	K4BC02B00013	TERMINAL	1	
JS801-16	ERJ6GEY0R00	M 0 OHM, 1/10W	16	
JS3001-08	ERJ3GEY0R00	M 0 OHM, 1/16W	8	
JS3011-16	ERJ3GEY0R00	M 0 OHM, 1/16W	6	
JS3301-06	ERJ3GEY0R00	M 0 OHM, 1/16W	6	
JS3308-10	ERJ3GEY0R00	M 0 OHM, 1/16W	3	
JS8094-97	J0JCC0000100	CHIP INDUCTOR	4	
L801	G1C470MA0078	INDUCTOR COIL	1	
L802	G1C101MA0078	INDUCTION COIL	1	
L803	G1C220MA0078	INDUCTION COIL	1	
L804-11	J0JHC0000078	CHIP INDUCTOR	8	
L1501-08	J0JHC0000078	CHIP INDUCTOR	8	
L2330,31	G0A221ZA0041	CHOKE COIL	2	
L3001	J0HABB000003	LC FILTER	1	(HB)
L3001	J0HABB000004	LC FILTER	1	(J)
L3002	G1C100K00020	INDUCTION COIL	1	(J)
L3002	J0HABB000004	LC FILTER	1	(HA)
L3002	J0HABB000004	LC FILTER	1	(HB)
L3003	G1C100K00020	INDUCTION COIL	1	(J)
L3003	J0HABB000004	LC FILTER	1	(HA)
L3003	J0HABB000004	LC FILTER	1	(HB)
L3004	J0HABB000003	LC FILTER	1	
L3005	ERJ3GEY0R00	M 0 OHM, 1/16W	1	(HB)
L3005	G1C100K00020	INDUCTION COIL	1	(J)
L3005	J0HABB000003	LC FILTER	1	(HA)
L3006	ELJPA100KB	CHIP INDUCTOR	1	(HA)

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
L3006	G1C100K00020	INDUCTION COIL	1	(J)
L3006	J0E8004B0008	LC FILTER	1	(HB)
L3007	G1C2R2K00006	INDUCTION COIL	1	
L3050	G1C100K00020	INDUCTION COIL	1	
L3051,52	ELJNA1R5JF	INDUCTION COIL	2	
L3102-04	ELJPA100KB	CHIP INDUCTOR	3	
L3140	J0JHC0000078	CHIP INDUCTOR	1	
L3201	ELJPA100KB	CHIP INDUCTOR	1	
L3251,52	ELJPA2R2MF	CHIP INDUCTOR	2	
L3305-08	ELKE103FA	NOISE FILTER	4	
L3526	ELJPA100KB	CHIP INDUCTOR	1	
L3555	ELJPA100KB	CHIP INDUCTOR	1	
L6002-04	G0ZZ00002183	PEAKING COIL	3	
L6005	G0C101K00023	PEAKING COIL	1	
L6011-13	G0AR60MA0003	CHOKE COIL	3	
L6014,15	G0A1R0MA0003	CHOKE COIL	2	
L6018	J0JJC0000021	CHIP INDUCTOR	1	
L6019	G0ZZ00002183	PEAKING COIL	1	
L6022	J0JJC0000021	CHIP INDUCTOR	1	
L6024-27	G0ZZ00002183	PEAKING COIL	4	
L6034-37	G0ZZ00002183	PEAKING COIL	4	
L6042,43	J0JJC0000021	CHIP INDUCTOR	2	
L6047	J0JJC0000021	CHIP INDUCTOR	1	
L6050	G0ZZ00002183	PEAKING COIL	1	
L6451	J0JJC0000021	CHIP INDUCTOR	1	
L6453	J0JJC0000021	CHIP INDUCTOR	1	
L6471	J0JJC0000021	CHIP INDUCTOR	1	
L6472	G0ZZ00002183	PEAKING COIL	1	
L6602	G0ZZ00002183	PEAKING COIL	1	
L6604,05	G0ZZ00002183	PEAKING COIL	2	
L6611-13	G0AR60MA0003	CHOKE COIL	3	
L6614,15	G0A1R0MA0003	CHOKE COIL	2	
L6618	J0JJC0000021	CHIP INDUCTOR	1	
L6624-27	G0ZZ00002183	PEAKING COIL	4	
L6634-37	G0ZZ00002183	PEAKING COIL	4	
L6647	J0JJC0000021	CHIP INDUCTOR	1	
L8001	G1C100K00020	INDUCTION COIL	1	
L8003	G1C100K00020	INDUCTION COIL	1	
L8005	G1C100K00020	INDUCTION COIL	1	
L8101-08	J0JHC0000078	CHIP INDUCTOR	8	
L8181	G1C100K00020	INDUCTION COIL	1	
L8501,02	G0A2R5H00003	CHOKE COIL	2	
L9204-06	J0JHC0000096	CHIP INDUCTOR	3	
L9501	G1C150KA0038	INDUCTION COIL	1	
L9951,52	G1C150MA0169	INDUCTION COIL	2	
PC6458	B3PBA0000223	IC	1	
PC6467	B3PBA0000223	IC	1	
PC6469	B3PBA0000223	IC	1	
PC6474	B3PBA0000223	IC	1	
PC6480	B3PBA0000223	IC	1	
PC6503	B3PBA0000233	IC	1	
PC6505	B3PBA0000233	IC	1	
PC6507	B3PBA0000233	IC	1	
PC6509,10	B3PBA0000234	IC	2	
PC6517	B3PBA0000223	IC	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
Q1540	2SD601A	TRANSISTOR	1	
Q2300	B1BBCF000028	TRANSISTOR	1	
Q2331	B1BBCF000028	TRANSISTOR	1	
Q2333,34	2SD601A	TRANSISTOR	2	
Q2370,71	2SB709A	TRANSISTOR	2	
Q2372	2SD601A	TRANSISTOR	1	
Q3001	2SB709A	TRANSISTOR	1	(J)
Q3001	2SD601A	TRANSISTOR	1	(HA)
Q6462	2SB0709A	TRANSISTOR	1	
Q6463	2SD601A	TRANSISTOR	1	
Q6471	B1BBCJ000004	TRANSISTOR	1	
Q6472	2SB0709A	TRANSISTOR	1	
Q6474	2SD814A	TRANSISTOR	1	
Q6476,77	2SD601A	TRANSISTOR	2	
Q6491	2SD1263A	TRANSISTOR	1	
Q6492	2SC1473A	TRANSISTOR	1	
Q6501-05	2SK620	FET	5	
Q6511,12	B1DFGL000008	TRANSISTOR	2	
Q6520	2SD601A	TRANSISTOR	1	
Q6521	B1DFES000002	TRANSISTOR	1	
Q6522-28	2SK400000L	FET	7	
Q6530	2SB1073001TV	TRANSISTOR	1	
Q6541	2SB1073001TV	TRANSISTOR	1	
Q6542	2SK399500L	FET	1	
Q6544-46	2SK399500L	FET	3	
Q6548	2SK399500L	FET	1	
Q6551	2SD601A	TRANSISTOR	1	
Q6552	B1DEET000002	TRANSISTOR	1	
Q6553	2SB1073001TV	TRANSISTOR	1	
Q6554	2SD2185	TRANSISTOR	1	
Q6555	B1DFES000002	TRANSISTOR	1	
Q6581	2SD601A	TRANSISTOR	1	
Q6583,84	2SK620	FET	2	
Q6601-03	B1JADN000001	TRANSISTOR	3	
Q6606-08	B1JADN000001	TRANSISTOR	3	
Q6611	2SD2185	TRANSISTOR	1	
Q6612	2SB1073001TV	TRANSISTOR	1	
Q6613	2SD2185	TRANSISTOR	1	
Q6614	2SB1073001TV	TRANSISTOR	1	
Q6621	B1DEKM000001	TRANSISTOR	1	
Q6624	B1DEKM000001	TRANSISTOR	1	
Q6901	2SK620	FET	1	
Q8002	2SD601A	TRANSISTOR	1	
Q8010	2SD601A	TRANSISTOR	1	
Q8011	2SB709A	TRANSISTOR	1	
Q8012	2SD601A	TRANSISTOR	1	
Q8013	2SB709A	TRANSISTOR	1	
Q8019	2SD601A	TRANSISTOR	1	
Q8181-84	2SK2731T146	TRANSISTOR	4	
Q8200-02	2SD601A	TRANSISTOR	3	
Q9201,02	2SD601A	TRANSISTOR	2	
Q3002	2SD601A	TRANSISTOR	1	(HB)
Q3003	2SD601A	TRANSISTOR	1	(HB)
Q3003	2SD601A	TRANSISTOR	1	(J)
Q3004	2SD601A	TRANSISTOR	1	
Q3005	2SD601A	TRANSISTOR	1	
Q3006,07	2SB709A	TRANSISTOR	2	
Q3023	2SD601A	TRANSISTOR	1	
Q3051,52	2SD601A	TRANSISTOR	2	
Q3101	2SB709A	TRANSISTOR	1	(HB)
Q3101	2SD601A	TRANSISTOR	1	(J)

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
Q3102	2SD1030	TRANSISTOR	1	(HB)
Q3102,03	2SD601A	TRANSISTOR	2	(J)
Q3104	2SD1030	TRANSISTOR	1	
Q3531,32	2SD601A	TRANSISTOR	2	
Q6001-03	B1JADN000001	TRANSISTOR	3	
Q6006-08	B1JADN000001	TRANSISTOR	3	
Q6011	2SD2185	TRANSISTOR	1	
Q6012	2SB1073001TV	TRANSISTOR	1	
Q6013	2SD2185	TRANSISTOR	1	
Q6014	2SB1073001TV	TRANSISTOR	1	
Q6021	B1DEKM000001	TRANSISTOR	1	
Q6024	B1DEKM000001	TRANSISTOR	1	
Q6025	2SK620	FET	1	
Q6041,42	B1DFKM000002	TRANSISTOR	2	
Q6045	2SK326800L	FET	1	
Q6046	B1DFKM000002	TRANSISTOR	1	
Q6051	2SD1263A	TRANSISTOR	1	
Q6052	2SC1473A	TRANSISTOR	1	
Q6055,56	2SD601A	TRANSISTOR	2	
Q6451	2SD1263A	TRANSISTOR	1	
Q6454	2SC1473A	TRANSISTOR	1	
Q6461	B1BBCJ000004	TRANSISTOR	1	
Q9702-07	2SD601A	TRANSISTOR	6	
Q9708	2SK2731T146	TRANSISTOR	1	
Q9709-12	2SD601A	TRANSISTOR	4	
Q9951-53	2SD601A	TRANSISTOR	3	
R801	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R802	ERJ3GEYJ223	M 22KOHM,J,1/16W	1	
R803	ERJ3EKF9102	M91.0KOHM, 1/16W	1	
R804	ERJ3GEYJ394	M 390KOHM,J,1/16W	1	
R805	ERJ3EKF8452	M84.5KOHM, 1/16W	1	
R806	ERJ3EKF1052	M10.5KOHM, 1/16W	1	
R808,09	ERJ6GEY0R00	M 0 OHM, 1/10W	2	
R810	ERJ3GEYJ223	M 22KOHM,J,1/16W	1	
R811	ERJ3EKF9102	M91.0KOHM, 1/16W	1	
R812	ERJ3GEYJ823	M 82KOHM,J,1/16W	1	
R813	ERJ3EKF4222	M42.2KOHM, 1/16W	1	
R814	ERJ3EKF1052	M10.5KOHM, 1/16W	1	
R815	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R816,17	ERJ6GEY0R00	M 0 OHM, 1/10W	2	
R818	ERJ3GEYJ223	M 22KOHM,J,1/16W	1	
R819	ERJ3EKF9102	M91.0KOHM, 1/16W	1	
R820	ERJ3GEYJ823	M 82KOHM,J,1/16W	1	
R821	ERJ3EKF2432	M24.3KOHM, 1/16W	1	
R822	ERJ3EKF1052	M10.5KOHM, 1/16W	1	
R823	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R824	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R825-27	ERJ3GEYJ822	M 8.2KOHM,J,1/16W	3	
R1500	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R1510	ERJ3GEYF222	M 2.2KOHM, 1/16W	1	
R1511	ERJ3GEYF302	M 3.0KOHM, 1/16W	1	
R1512	ERJ3GEYF472	M 4.7KOHM, 1/16W	1	
R1513	ERJ3GEYF822	M 8.2KOHM,J,1/16W	1	
R1550	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R1551	ERJ6GEYJ470	M 47 OHM,J,1/10W	1	
R1552	ERJ6GEYJ224	M 220KOHM,J,1/10W	1	
R1553	ERJ6GEYJ471	M 470 OHM,J,1/10W	1	
R1554	ERJ6GEYJ271	M 270 OHM,J,1/10W	1	
R2351-54	ERJ6GEYJ103	M 10KOHM,J,1/10W	4	
R2355-60	ERDS1FJ2R2	C 2.2 OHM, J,1/2W	6	
R2365	ERX1FJSR56D	M0.56 OHM, J, 1W	1	
R2367	ERJ6GEYJ332	M 3.3KOHM,J,1/10W	1	
R2368,69	ERJ6GEYJ103	M 10KOHM,J,1/10W	2	
R2370	ERJ6GEYJ222	M 2.2KOHM,J,1/10W	1	
R2371,72	ERJ6GEYJ102	M 1KOHM,J,1/10W	2	
R2373	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R2374	ERX1FJSR56D	M0.56 OHM, J, 1W	1	
R2376	ERJ6GEYJ332	M 3.3KOHM,J,1/10W	1	
R2377	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R2383	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R2384	ERJ6GEYJ473	M 47KOHM,J,1/10W	1	
R2385	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R2386	ERJ6GEYJ562	M 5.6KOHM,J,1/10W	1	
R2387	ERJ6GEYJ182	M 1.8KOHM,J,1/10W	1	
R2388	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R2389-92	ERJ6GEYJ103	M 10KOHM,J,1/10W	4	
R2393	ERJ6GEYJ220	M 22 OHM,J,1/10W	1	
R2394-96	ERJ6GEYJ103	M 10KOHM,J,1/10W	3	
R2397	ERJ6GEYJ512	M 5.1KOHM,J,1/10W	1	
R2398	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R2399,00	ERJ6GEYJ220	M 22 OHM,J,1/10W	2	
R2404-07	ERJ6GEYJ103	M 10KOHM,J,1/10W	4	
R2408-11	ERJ6GEY0R00	M 0 OHM, 1/10W	4	
R2412	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R2413	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R2414	ERJ3GEYJ122	M 1.2KOHM,J,1/16W	1	
R2415	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R2416	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R2417	ERJ3GEYJ122	M 1.2KOHM,J,1/16W	1	
R2418,19	ERJ3GEYJ473	M 47KOHM,J,1/16W	2	
R2420	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R2421,22	ERJ3GEYJ183	M 18KOHM,J,1/16W	2	
R2423	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R3001	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R3001	ERJ6ENF75R0	M 75 OHM, 1/10W	1	(HB)
R3002	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	(J)
R3002	ERJ6ENF75R0	M 75 OHM, 1/10W	1	(HB)
R3003	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	(HB)
R3003	ERJ3GEYJ473	M 47KOHM,J,1/16W	1	(J)
R3004	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	(J)
R3004	ERJ6ENF75R0	M 75 OHM, 1/10W	1	(HB)
R3004	ERJ6GEYJ184	M 180KOHM,J,1/10W	1	(HA)
R3005	ERJ3GEYJ332	M 3.3KOHM,J,1/16W	1	(J)
R3005	ERJ6ENF75R0	M 75 OHM, 1/10W	1	(HB)
R3005	ERJ6GEYJ184	M 180KOHM,J,1/10W	1	(HA)
R3006	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	(HB)
R3006	ERJ3GEYJ332	M 3.3KOHM,J,1/16W	1	(J)
R3006	TAJAAH0101JV	M 100 OHM,J,1/16W	1	(HA)
R3007	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	(J)
R3007	ERJ3GEYJ104	M 100KOHM,J,1/16W	1	(HB)
R3007	TAJAAH0101JV	M 100 OHM,J,1/16W	1	(HA)
R3008	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	(J)
R3008	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	(HB)
R3009	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	(J)
R3009	TAJAAH0101JV	M 100 OHM,J,1/16W	1	(HB)
R3010	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	(J)
R3010	ERJ3GEYJ153	M 15KOHM,J,1/16W	1	(HB)
R3011	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	(HB)
R3011	ERJ3GEYJ222	M 2.2KOHM,J,1/16W	1	(J)
R3012	ERJ3GEYJ223	M 22KOHM,J,1/16W	1	(HB)
R3012	ERJ3GEYJ333	M 33KOHM,J,1/16W	1	(J)
R3013	ERJ3GEYJ222	M 2.2KOHM,J,1/16W	1	(J)
R3013	ERJ3GEYJ333	M 33KOHM,J,1/16W	1	(HB)
R3014	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	(HA)
R3014	ERJ3GEYJ223	M 22KOHM,J,1/16W	1	(HB)
R3014	ERJ3GEYJ333	M 33KOHM,J,1/16W	1	(J)
R3015	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	(HA)
R3015	ERJ3GEYJ333	M 33KOHM,J,1/16W	1	(HB)

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R3015	J0JCC0000100	CHIP INDUCTOR	1	(J)
R3016	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	(HA)
R3016	J0JCC0000100	CHIP INDUCTOR	1	(J)
R3016	TAJAAH0101JV	M 100 OHM,J,1/16W	1	(HB)
R3017	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	(HA)
R3017	J0JCC0000100	CHIP INDUCTOR	1	(J)
R3017	TAJAAH0101JV	M 100 OHM,J,1/16W	1	(HB)
R3018	J0JCC0000100	CHIP INDUCTOR	1	(J)
R3018	TAJAAH0101JV	M 100 OHM,J,1/16W	1	(HA)
R3018	TAJAAH0101JV	M 100 OHM,J,1/16W	1	(HB)
R3019	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	(HB)
R3019	J0JCC0000100	CHIP INDUCTOR	1	(J)
R3019	TAJAAH0101JV	M 100 OHM,J,1/16W	1	(HA)
R3020	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	(HB)
R3020	J0JCC0000100	CHIP INDUCTOR	1	(J)
R3021	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	(HB)
R3021	J0JCC0000100	CHIP INDUCTOR	1	(J)
R3022	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	(HA)
R3022	J0JCC0000100	CHIP INDUCTOR	1	(J)
R3022	TAJAAH0101JV	M 100 OHM,J,1/16W	1	(HB)
R3023	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	(J)
R3023	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	(HA)
R3023	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	(HB)
R3024	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	(J)
R3024	TAJAAH0101JV	M 100 OHM,J,1/16W	1	(HB)
R3025	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	(J)
R3025	TAJAAH0101JV	M 100 OHM,J,1/16W	1	(HA)
R3025	TAJAAH0101JV	M 100 OHM,J,1/16W	1	(HB)
R3026	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	(J)
R3026	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	(HB)
R3026	TAJAAH0101JV	M 100 OHM,J,1/16W	1	(HA)
R3027	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	(HB)
R3027,28	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	(J)
R3028	TAJAAH0101JV	M 100 OHM,J,1/16W	1	(HB)
R3029	ERJ3EKF2200	M 220 OHM, 1/16W	1	(HB)
R3029	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	(J)
R3030	ERJ3EKF3900	M 390 0HM, 1/16W	1	(HB)
R3030	J0JCC0000100	CHIP INDUCTOR	1	(J)
R3031	ERJ3EKF4700	M 470 OHM, 1/16W	1	(HB)
R3031	J0JCC0000100	CHIP INDUCTOR	1	(J)
R3032	ERJ3EKF1200	M 120 OHM, 1/16W	1	(HB)
R3032,33	J0JCC0000100	CHIP INDUCTOR	2	(J)
R3033	TAJAAH0101JV	M 100 OHM,J,1/16W	1	(HB)
R3034	ERJ3GEYJ331	M 330 OHM,J,1/16W	1	(J)
R3035	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	(HB)
R3035	ERJ3GEYJ331	M 330 OHM,J,1/16W	1	(J)
R3036	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	(HA)
R3036	ERJ3GEYJ331	M 330 OHM,J,1/16W	1	(J)
R3036	ERJ6ENF1800	M 180 OHM, 1/10W	1	(HB)
R3037	ERJ3EKF2200	M 220 OHM, 1/16W	1	(HB)
R3037	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	(HA)
R3037	J0JCC0000100	CHIP INDUCTOR	1	(J)
R3038	ERJ3GEYJ272	M 2.7KOHM,J,1/16W	1	(HB)
R3038	J0JCC0000100	CHIP INDUCTOR	1	(J)
R3039	ERJ3GEYJ331	M 330 OHM,J,1/16W	1	
R3040	ERJ3EKF3300	M 330 OHM, 1/16W	1	(HB)
R3040	ERJ3GEYJ331	M 330 OHM,J,1/16W	1	(J)
R3041	ERJ3EKF1800	M 180 OHM, 1/16W	1	(HB)
R3041	ERJ3GEYJ331	M 330 OHM,J,1/16W	1	(J)
R3041	ERJ6GEY0R00	M 0 OHM, 1/10W	1	(HA)
R3042	ERJ3EKF6801	M 6.8KOHM, 1/16W	1	(HB)
R3042	ERJ6GEY0R00	M 0 OHM, 1/10W	1	(HA)
R3042	J0JCC0000100	CHIP INDUCTOR	1	(J)
R3043	ERJ3GEYJ561	M 560 OHM,J,1/16W	1	(HB)
R3043	J0JCC0000100	CHIP INDUCTOR	1	(J)
R3044	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	(J)
R3044	ERJ3GEYJ333	M 33KOHM,J,1/16W	1	(HB)
R3045	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	(J)
R3045	ERJ3GEYJ333	M 33KOHM,J,1/16W	1	(HB)
R3046	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	(J)
R3046	TAJAAH0101JV	M 100 OHM,J,1/16W	1	(HB)
R3047	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	(HB)
R3047	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	(J)
R3048	ERJ3GEYJ334	M 330KOHM,J,1/16W	1	(J)
R3048	TAJAAH0101JV	M 100 OHM,J,1/16W	1	(HB)
R3049	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	(HB)
R3049	ERJ3GEYJ334	M 330KOHM,J,1/16W	1	(J)
R3050	ERJ3GEYJ560	M 56 OHM,J,1/16W	1	(J)
R3050	ERJ6ENF75R0	M 75 OHM, 1/10W	1	(HB)
R3051	ERJ3GEYJ333	M 33KOHM,J,1/16W	1	(HB)
R3051	ERJ3GEYJ334	M 330KOHM,J,1/16W	1	(J)
R3052	ERJ3GEYJ333	M 33KOHM,J,1/16W	1	(HB)
R3052	ERJ3GEYJ334	M 330KOHM,J,1/16W	1	(J)
R3053	ERJ3GEYJ153	M 15KOHM,J,1/16W	1	(HB)
R3053	ERJ3GEYJ560	M 56 OHM,J,1/16W	1	(J)
R3054	ERJ3GEYJ333	M 33KOHM,J,1/16W	1	(HB)
R3054	ERJ3GEYJ560	M 56 OHM,J,1/16W	1	(J)
R3055	ERJ3GEYJ153	M 15KOHM,J,1/16W	1	(HB)
R3055	ERJ3GEYJ334	M 330KOHM,J,1/16W	1	(J)
R3056	ERJ3GEYJ333	M 33KOHM,J,1/16W	1	(HB)
R3056	ERJ3GEYJ334	M 330KOHM,J,1/16W	1	(J)
R3057	ERJ3GEYJ560	M 56 OHM,J,1/16W	1	(J)
R3057	TAJAAH0101JV	M 100 OHM,J,1/16W	1	(HB)
R3058	ERJ3GEYJ560	M 56 OHM,J,1/16W	1	(J)
R3058	TAJAAH0101JV	M 100 OHM,J,1/16W	1	(HB)
R3059	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	
R3060	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	(J)
R3060	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	(HB)
R3061	ERJ3GEYJ561	M 560 OHM,J,1/16W	1	(HB)
R3061	J0JCC0000100	CHIP INDUCTOR	1	(J)
R3062	ERJ3GEYJ561	M 560 OHM,J,1/16W	1	(HB)
R3062	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	(J)
R3063	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	
R3064	ERJ6GEYJ560	M 56 OHM,J,1/10W	1	
R3065	ERJ6GEY0R00	M 0 OHM, 1/10W	1	(HB)
R3065-69	ERJ6GEYJ560	M 56 OHM,J,1/10W	5	(J)
R3070-75	ERJ6ENF75R0	M 75 OHM, 1/10W	6	
R3076-81	ERJ6GEYJ560	M 56 OHM,J,1/10W	6	
R3082	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	
R3088-93	ERJ6ENF75R0	M 75 OHM, 1/10W	6	
R3101	ERJ3GEYJ220	M 22 OHM,J,1/16W	1	(HB)
R3101	ERJ6ENF1800	M 180 OHM, 1/10W	1	(J)
R3102	ERJ3GEY0R00	M 0 OHM, 1/16W	1	(HB)
R3102,03	ERJ6ENF1800	M 180 OHM, 1/10W	2	(J)
R3104	ERJ3GEYJ220	M 22 OHM,J,1/16W	1	(HB)
R3104,05	ERJ6ENF1800	M 180 OHM, 1/10W	2	(J)
R3106	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	(HB)
R3106	ERJ6ENF1800	M 180 OHM, 1/10W	1	(J)
R3107	ERJ3GEYJ330	M 33 OHM,J,1/16W	1	
R3108	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R3110	ERJ6ENF4701	M 4.7KOHM, 1/10W	1	
R3111	ERJ6ENF1501	M 1.5KOHM, 1/10W	1	
R3112,13	ERJ3EKF1501	M 1.5KOHM, 1/16W	2	
R3114	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R3115	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R3116	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	(J)
R3116	ERJ6GEY0R00	M 0 OHM, 1/10W	1	(HB)
R3117	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	(HB)
R3117	J0JCC0000100	CHIP INDUCTOR	1	(J)
R3118	ERJ3GEY0R00	M 0 OHM, 1/16W	1	(HB)
R3118	ERJ6ENF8200	M 820 OHM, 1/10W	1	(J)
R3119	ERJ3GEYJ121	M 120 OHM,J,1/16W	1	
R3120	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R3121	ERJ3GEYJ121	M 120 OHM,J,1/16W	1	
R3122	ERJ3EKF8201	M 8.2KOHM, 1/16W	1	
R3123	ERJ3EKF1502	M 15KOHM, 1/16W	1	
R3124	ERJ3EKF10R0	M 10 OHM, 1/16W	1	
R3125	ERJ3GEY0R00	M 0 OHM, 1/16W	1	(HB)

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R3125	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	(J)
R3126	J0JCC0000100	CHIP INDUCTOR	1	
R3127	ERJ6ENF12R0	M 12 OHM, 1/10W	1	
R3128,29	ERJ3GEYJ181	M 180 OHM,J,1/16W	2	(J)
R3129	ERJ6ENF12R0	M 12 OHM, 1/10W	1	(HB)
R3130	ERJ3GEYJ181	M 180 OHM,J,1/16W	1	
R3131	ERJ3GEYJ220	M 22 OHM,J,1/16W	1	
R3133	ERJ6ENF10R0	M 10 OHM, 1/10W	1	
R3134	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R3135	ERJ6ENF10R0	M 10 OHM, 1/10W	1	
R3136-39	ERJ3GEY0R00	M 0 OHM, 1/16W	4	
R3140	ERJ3GEYJ220	M 22 OHM,J,1/16W	1	(HB)
R3140	ERJ3GEYJ473	M 47KOHM,J,1/16W	1	(J)
R3141	ERJ3GEY0R00	M 0 OHM, 1/16W	1	(HB)
R3141	ERJ3GEYJ473	M 47KOHM,J,1/16W	1	(J)
R3142	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R3143,44	ERJ3GEYJ101	M 100 OHM,J,1/16W	2	
R3145	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R3147	ERJ3GEYJ182	M 1.8KOHM,J,1/16W	1	
R3148	ERJ3GEYJ220	M 22 OHM,J,1/16W	1	(HB)
R3148	ERJ3GEYJ333	M 33KOHM,J,1/16W	1	(J)
R3149	ERJ3GEYJ182	M 1.8KOHM,J,1/16W	1	(J)
R3149	ERJ3GEYJ220	M 22 OHM,J,1/16W	1	(HB)
R3150,51	ERJ3GEYJ101	M 100 OHM,J,1/16W	2	(J)
R3151	ERJ3GEYJ220	M 22 OHM,J,1/16W	1	(HB)
R3152	ERJ3GEYJ333	M 33KOHM,J,1/16W	1	(J)
R3152	ERJ3GEYJ561	M 560 OHM,J,1/16W	1	(HB)
R3153	ERJ3GEYJ221	M 220 OHM,J,1/16W	1	
R3154,55	ERJ3GEYJ331	M 330 OHM,J,1/16W	2	
R3156	ERJ3GEYJ561	M 560 OHM,J,1/16W	1	
R3157	ERJ3GEYJ221	M 220 OHM,J,1/16W	1	
R3158	ERJ3GEYJ182	M 1.8KOHM,J,1/16W	1	
R3159	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R3160	ERJ3EKF2701	M 2.7KOHM, 1/16W	1	(HB)
R3160	ERJ3GEYJ562	M 5.6KOHM,J,1/16W	1	(J)
R3161	ERJ3EKF2701	M 2.7KOHM, 1/16W	1	(HB)
R3161	ERJ3GEYJ562	M 5.6KOHM,J,1/16W	1	(J)
R3162	ERJ3EKF2701	M 2.7KOHM, 1/16W	1	
R3163	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R3164-67	ERJ3GEY0R00	M 0 OHM, 1/16W	4	
R3168	ERJ3EKF2000	M 200 OHM, 1/16W	1	
R3169-72	ERJ6ENF75R0	M 75 OHM, 1/10W	4	
R3173	ERJ3EKF2200	M 220 OHM, 1/16W	1	
R3174	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R3177	ERJ3EKF1401	M 1.4KOHM, 1/16W	1	
R3178	ERJ3EKF1101	M 1.1KOHM, 1/16W	1	
R3179	ERJ3EKF1401	M 1.4KOHM, 1/16W	1	
R3180	ERJ3EKF1101	M 1.1KOHM, 1/16W	1	
R3181	ERJ3EKF1401	M 1.4KOHM, 1/16W	1	
R3182	ERJ3EKF1101	M 1.1KOHM, 1/16W	1	
R3183	ERJ3EKF1401	M 1.4KOHM, 1/16W	1	
R3184	ERJ3EKF1101	M 1.1KOHM, 1/16W	1	
R3185	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R3188	ERJ6ENF39R0	M 39 OHM, 1/10W	1	
R3189	ERJ3GEY0R00	M 0 OHM, 1/16W	1	(HB)
R3189,90	ERJ6ENF39R0	M 39 OHM, 1/10W	2	(J)
R3192,93	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R3194,02	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R3195,96	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R3197,98	ERJ3GEYJ123	M 12KOHM,J,1/16W	2	
R3210,11	ERJ6GEYJ101	M 100 OHM,J,1/10W	2	
R3212-15	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	4	
R3216-19	ERJ6GEYJ3R3	M 3.3KOHM,J,1/10W	4	
R3230,31	ERJ6GEYJ102	M 1KOHM,J,1/10W	2	
R3251	TAJAAH0101JV	M 100 OHM,J,1/16W	1	
R3252	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R3253	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R3254,55	ERJ3GEYJ220	M 22 OHM,J,1/16W	2	
R3300,01	ERJ3EKF1501	M 1.5KOHM, 1/16W	2	
R3302	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R3303,04	ERJ3GEYJ220	M 22 OHM,J,1/16W	2	
R3305	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R3307	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R3308,09	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R3313	ERJ3GEYJ333	M 33KOHM,J,1/16W	1	
R3314,15	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R3319	ERJ3GEYJ333	M 33KOHM,J,1/16W	1	
R3337,38	ERJ3GEYJ220	M 22 OHM,J,1/16W	2	
R3400	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R3508,09	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	2	
R3510,11	ERJ6GEYJ101	M 100 OHM,J,1/10W	2	
R3529,30	ERJ6GEYJ184	M 180KOHM,J,1/10W	2	
R3547,48	ERJ6GEYJ101	M 100 OHM,J,1/10W	2	
R3585,86	ERJ6GEYJ560	M 56 OHM,J,1/10W	2	
R3589	ERJ6GEYJ473	M 47KOHM,J,1/10W	1	
R3590	ERJ6GEYJ560	M 56 OHM,J,1/10W	1	
R3591-93	ERJ6GEY0R00	M 0 OHM, 1/10W	3	
R3653	ERJ6GEYJ153	M 15KOHM,J,1/10W	1	
R3654	ERJ6GEYJ333	M 33KOHM,J,1/10W	1	
R3655	ERJ6GEYJ153	M 15KOHM,J,1/10W	1	
R3656	ERJ6GEYJ333	M 33KOHM,J,1/10W	1	
R3663,64	ERJ6GEYJ102	M 1KOHM,J,1/10W	2	
R3668	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R3672	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R3776,77	ERJ6GEYJ101	M 100 OHM,J,1/10W	2	
R3778	ERJ6GEYJ473	M 47KOHM,J,1/10W	1	
R3790,91	ERJ6GEY0R00	M 0 OHM, 1/10W	2	
R6001	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R6002-05	ERJ6GEYJ151	M 150 OHM,J,1/10W	4	
R6006,07	ERJ6GEYJ101	M 100 OHM,J,1/10W	2	
R6008,09	ERJ6GEYJ104	M 100KOHM,J,1/10W	2	
R6011-16	ERJ14YJ150U	M 15 OHM, J,1/4W	6	
R6019-22	ERJ14YJ150U	M 15 OHM, J,1/4W	4	
R6023	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6024	ERJ6GEYJ100	M 10 OHM,J,1/10W	1	
R6025	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6026	ERJ6GEYJ100	M 10 OHM,J,1/10W	1	
R6027,28	TAJAAH0101JV	M 100 OHM,J,1/16W	2	
R6029-31	ERJ6GEYJ103	M 10KOHM,J,1/10W	3	
R6033	ERJ14YJ204	M 200KOHM, J,1/4W	1	
R6034,35	ERJ14YJ150U	M 15 OHM, J,1/4W	2	
R6041,42	ERJ14YJ5R6U	M 6.2OHM, 1/4W	2	
R6049,50	ERJ14YJ5R6U	M 6.2OHM, 1/4W	2	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R6055	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R6056	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R6057	ERG1FJS470D	M 47 OHM, J, 1W	1	
R6059,60	TAJAAH0101JV	M 100 OHM,J,1/16W	2	
R6061	ERJ6ENF1001	M 1KOHM, 1/10W	1	
R6062,63	ERJ6GEYJ224	M 220KOHM,J,1/10W	2	
R6067	ERG1FJS472D	M 4.7KOHM, J, 1W	1	
R6068	ERG2FJS123D	M 12KOHM, J, 2W	1	
R6069,70	ERJ6ENF2202	M 2.2KOHM, 1/10W	2	
R6073	ERJ6ENF1201	M 1.2KOHM, 1/10W	1	
R6074	ERJ6ENF2402	M 24KOHM, 1/10W	1	
R6076	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R6077,78	ERX3FJSR22D	M 2.2 OHM, J, 3W	2	
R6079,80	ERJ6GEYJ101	M 100 OHM,J,1/10W	2	
R6081	ERJ6GEYJ222	M 2.2KOHM,J,1/10W	1	
R6082,83	TAJAAH0101JV	M 100 OHM,J,1/16W	2	
R6084	ERJ14YJ224	M 220KOHM, J,1/4W	1	
R6085,86	ERJ6GEYJ470	M 47 OHM,J,1/10W	2	
R6087	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R6088	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6089	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R6090	ERJ14YJ181U	M 181 OHM, J,1/4W	1	
R6091	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R6092	ERJ6GEYJ151	M 150 OHM,J,1/10W	1	
R6101	TAJAAH0470JV	M 47 OHM,J,1/16W	1	
R6102	EXB38V470J	RESISTOR ARRAY	1	
R6104	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R6105	EXB38V472J	RESISTOR ARRAY	1	
R6107	TAJAAH0470JV	M 47 OHM,J,1/16W	1	
R6110	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R6118,19	ERJ6ENF3902	M 39KOHM, 1/10W	2	
R6120	ERJ6ENF7501	M 7.5KOHM, 1/10W	1	
R6121	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6123	ERJ6GEYJ152	M 1.5KOHM,J,1/10W	1	
R6124	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6125	ERJ6GEYJ222	M 2.2KOHM,J,1/10W	1	
R6126	ERJ6GEYJ152	M 1.5KOHM,J,1/10W	1	
R6431	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R6433	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R6439,40	ERJ6GEYJ103	M 10KOHM,J,1/10W	2	
R6450	ERJ6GEYJ563	M 56KOHM,J,1/10W	1	
R6451	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6452	ERJ6GEYJ563	M 56KOHM,J,1/10W	1	
R6453	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R6454,55	ERJ14YJ103	M 10KOHM, J,1/4W	2	
R6456	ERJ6ENF1183	M 118KOHM, 1/10W	1	
R6457,58	ERJ6ENF2551	M2.55KOHM, 1/10W	2	
R6459	ERJ14YJ104	M 100KOHM, J,1/4W	1	
R6460	ERJ14YJ203U	M 20KOHM, 1/2W	1	
R6461	ERG1FJS471D	M 470 OHM, J, 1W	1	
R6463	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R6464	ERJ6GEYJ222	M 2.2KOHM,J,1/10W	1	
R6465	ERX3FJS8R2D	M 8.2 OHM, J, 3W	1	
R6466	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R6467	ERJ6GEYJ122	M 1.2KOHM,J,1/10W	1	
R6468	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R6469	ERJ6ENF1602	M 16KOHM, 1/10W	1	
R6471	ERJ6ENF4701	M 4.7KOHM, 1/10W	1	
R6472	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R6473	ERJ6GEYJ822	M 8.2KOHM,J,1/10W	1	
R6474	ERG1FJS121D	M 120 OHM, J, 1W	1	
R6475	ERJ6GEYJ332	M 3.3KOHM,J,1/10W	1	
R6476	ERJ6ENF2743	M 274KOHM, 1/10W	1	
R6478	ERJ6ENF6981	M6.98KOHM, 1/10W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R6479	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R6480	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6481	ERJ6ENF1001	M 1KOHM, 1/10W	1	
R6482	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R6483	ERJ14YJ752	M 75KOHM, J,1/4W	1	
R6484	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R6485,86	ERJ6GEYJ103	M 10KOHM,J,1/10W	2	
R6487	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R6488	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6489	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R6491	ERJ14YJ104	M 100KOHM, J,1/4W	1	
R6492	ERJ6ENF2003	M 200KOHM, 1/10W	1	
R6493	ERJ6ENF2703	M 270KOHM, 1/10W	1	
R6495,96	ERJ6GEYJ154	M 150KOHM,J,1/10W	2	
R6497	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6498,99	ERX1FJS8R2D	M 8.2 OHM, J, 1W	2	
R6500	ERJ6GEYJ122	M 1.2KOHM,J,1/10W	1	
R6501-09	ERJ6GEYJ222	M 2.2KOHM,J,1/10W	9	
R6510	ERX3FJS2R2D	M 2.2 OHM, J, 3W	1	
R6511	ERJ6GEYJ100	M 10 OHM,J,1/10W	1	
R6512	ERJ6GEYJ471	M 470 OHM,J,1/10W	1	
R6513	ERX3FJS2R2D	M 2.2 OHM, J, 3W	1	
R6514	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R6515	ERJ6GEYJ100	M 10 OHM,J,1/10W	1	
R6516	ERJ6GEYJ471	M 470 OHM,J,1/10W	1	
R6517	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6518	TAJAAH0101JV	M 100 OHM,J,1/16W	1	
R6519	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R6520	ERJ6GEYJ151	M 150 OHM,J,1/10W	1	
R6521	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R6524	ERJ6ENF3001	M 3KOHM, 1/10W	1	
R6525	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R6526	ERJ6GEYJ470	M 47 OHM,J,1/10W	1	
R6527	ERJ14YJ102	M 1KOHM, J,1/4W	1	
R6528	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R6529-36	ERJ6GEYJ470	M 47 OHM,J,1/10W	8	
R6538	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R6539	TAJAAH0101JV	M 100 OHM,J,1/16W	1	
R6540	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R6541	ERJ6GEYJ470	M 47 OHM,J,1/10W	1	
R6542	ERJ6GEYJ100	M 10 OHM,J,1/10W	1	
R6544-46	ERJ6GEYJ100	M 10 OHM,J,1/10W	3	
R6548	ERJ6GEYJ100	M 10 OHM,J,1/10W	1	
R6550	ERJ6GEYJ223	M 22KOHM,J,1/10W	1	
R6551	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R6552,53	ERJ6ENF1003	M 100KOHM, 1/10W	2	
R6554	ERG1FJS101D	M 100 OHM, J, 1W	1	
R6555	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R6556	ERJ6GEYJ122	M 1.2KOHM,J,1/10W	1	
R6558	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6559	ERJ6GEYJ222	M 2.2KOHM,J,1/10W	1	
R6560,61	ERJ6GEYJ470	M 47 OHM,J,1/10W	2	
R6562	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R6563	ERJ6GEYJ5R6	M 5.6 OHM,J,1/10W	1	
R6565	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6566	TAJAAH0101JV	M 100 OHM,J,1/16W	1	
R6567,68	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	2	
R6570	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6571-78	ERJ6GEYJ471	M 470 OHM,J,1/10W	8	
R6580	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6581	TAJAAH0101JV	M 100 OHM,J,1/16W	1	
R6582,83	ERJ6ENF3902	M 39KOHM, 1/10W	2	
R6584	ERJ6ENF7501	M 7.5KOHM, 1/10W	1	
R6585	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R6586	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6587	ERJ6GEYJ152	M 1.5KOHM,J,1/10W	1	
R6588,89	ERJ6GEYJ103	M 10KOHM,J,1/10W	2	
R6590	ERJ6GEYJ222	M 2.2KOHM,J,1/10W	1	
R6591	ERJ6GEYJ152	M 1.5KOHM,J,1/10W	1	
R6592,93	ERJ6GEYJ105	M 1MOHM,J,1/10W	2	
R6594	ERJ14YJ104	M 100KOHM, J,1/4W	1	
R6595	ERJ6ENF1432	M14.3KOHM, 1/10W	1	
R6596	ERJ6ENF5231	M5.23KOHM, 1/10W	1	
R6598	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6599,00	ERJ6GEYJ101	M 100 OHM,J,1/10W	2	
R6604	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R6605-07	ERJ6GEYJ224	M 220KOHM,J,1/10W	3	
R6608,09	ERJ12YJ1R0	M 1 OHM, J,1/2W	2	
R6610	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R6611-14	ERJ14YJ150U	M 15 OHM, J,1/4W	4	
R6615	ERJ6GEYJ332	M 3.3KOHM,J,1/10W	1	
R6616	ERDS1FJ221	C 220 OHM, J,1/2W	1	
R6617,18	ERJ6GEYJ222	M 2.2KOHM,J,1/10W	2	
R6619,20	ERJ14YJ150U	M 15 OHM, J,1/4W	2	
R6621	ERJ6ENF1543	M 154KOHM, 1/10W	1	
R6622,23	ERJ6GEYJ103	M 10KOHM,J,1/10W	2	
R6624	ERJ6GEYJ100	M 10 OHM,J,1/10W	1	
R6625	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6626	ERJ6GEYJ100	M 10 OHM,J,1/10W	1	
R6627,28	TAJAAH0101JV	M 100 OHM,J,1/16W	2	
R6629	ERJ6ENF2202	M 2.2KOHM, 1/10W	1	
R6630	ERJ14YJ204	M 200KOHM, J,1/4W	1	
R6635-38	ERJ14YJ150U	M 15 OHM, J,1/4W	4	
R6641,42	ERJ14YJ5R6U	M 6.2OHM, 1/4W	2	
R6643,44	ERJ14YJ150U	M 15 OHM, J,1/4W	2	
R6645,46	ERJ6GEYJ151	M 150 OHM,J,1/10W	2	
R6647,48	ERJ14YJ5R6U	M 6.2OHM, 1/4W	2	
R6649	EXB38V680J	RESISTOR ARRAY	1	
R6653	EXB38V680J	RESISTOR ARRAY	1	
R6655	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R6656	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R6659,60	TAJAAH0101JV	M 100 OHM,J,1/16W	2	
R6661,62	ERJ6GEYJ151	M 150 OHM,J,1/10W	2	
R6663	EXB38V472J	RESISTOR ARRAY	1	
R6664	EXB38V470J	RESISTOR ARRAY	1	
R6667,68	ERJ6GEYJ151	M 150 OHM,J,1/10W	2	
R6669	EXB38V472J	RESISTOR ARRAY	1	
R6670	EXB38V470J	RESISTOR ARRAY	1	
R6675	EXB38V472J	RESISTOR ARRAY	1	
R6676	EXB38V470J	RESISTOR ARRAY	1	
R6683	EXB38V470J	RESISTOR ARRAY	1	
R6686	EXB38V472J	RESISTOR ARRAY	1	
R6696	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6699	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6901	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R6902-04	ERJ6GEYJ221	M 220 OHM,J,1/10W	3	
R6910,11	ERJ6GEYJ104	M 100KOHM,J,1/10W	2	
R6912	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R6913	ERJ6GEYJ224	M 220KOHM,J,1/10W	1	
R6920-23	ERJ6GEYJ103	M 10KOHM,J,1/10W	4	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R6924	ERJ6GEYJ224	M 220KOHM,J,1/10W	1	
R6955	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R6956-58	ERJ6GEYJ221	M 220 OHM,J,1/10W	3	
R6959	ERJ6GEYJ224	M 220KOHM,J,1/10W	1	
R6975-78	ERJ6GEYJ103	M 10KOHM,J,1/10W	4	
R6979	ERJ6GEYJ224	M 220KOHM,J,1/10W	1	
R7102	ERJ14YJ220	M 22 OHM, J,1/4W	1	
R7105	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R7106,07	ERJ14YJ220	M 22 OHM, J,1/4W	2	
R7108	TAJAAH0470JV	M 47 OHM,J,1/16W	1	
R7109	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R7110,11	ERJ14YJ220	M 22 OHM, J,1/4W	2	
R7117	ERJ6GEYJ224	M 220KOHM,J,1/10W	1	
R7119,20	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R7121	ERJ14YJ220	M 22 OHM, J,1/4W	1	
R7125	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R7126-28	TAJAAH0470JV	M 47 OHM,J,1/16W	3	
R7130	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R7132-35	ERJ3GEY0R00	M 0 OHM, 1/16W	4	
R7136-41	ERJ14YJ220	M 22 OHM, J,1/4W	6	
R7142,43	EXB38V470J	RESISTOR ARRAY	2	
R7148	EXB38V470J	RESISTOR ARRAY	1	
R7154	EXB38V470J	RESISTOR ARRAY	1	
R7161	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R7162,63	TAJAAH0470JV	M 47 OHM,J,1/16W	2	
R7166,67	TAJAAH0470JV	M 47 OHM,J,1/16W	2	
R7170,71	TAJAAH0470JV	M 47 OHM,J,1/16W	2	
R7172-74	ERJ8GEY0R00	M 0 OHM, 1/8W	3	
R7175-77	ERJ6GEY0R00	M 0 OHM, 1/10W	3	
R7187	ERJ6GEYJ223	M 22KOHM,J,1/10W	1	
R7188	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R7192	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R7194	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R7196	EXB38V470J	RESISTOR ARRAY	1	
R7202,03	ERJ14YJ220	M 22 OHM, J,1/4W	2	
R7204,05	ERJ8GEY0R00	M 0 OHM, 1/8W	2	
R7206,07	ERJ14YJ220	M 22 OHM, J,1/4W	2	
R7208,09	ERJ8GEY0R00	M 0 OHM, 1/8W	2	
R7210,11	ERJ14YJ220	M 22 OHM, J,1/4W	2	
R7212	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R7213	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R7214,15	ERJ14YJ220	M 22 OHM, J,1/4W	2	
R7217	ERJ6GEYJ224	M 220KOHM,J,1/10W	1	
R7218-21	ERJ3GEY0R00	M 0 OHM, 1/16W	4	
R7222	ERJ3GEYJ560	M 56 OHM,J,1/16W	1	
R7223	TAJAAH0470JV	M 47 OHM,J,1/16W	1	
R7225	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R7226-29	TAJAAH0470JV	M 47 OHM,J,1/16W	4	
R7230	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R7232	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R7233-40	ERJ14YJ220	M 22 OHM, J,1/4W	8	
R7241,42	EXB38V470J	RESISTOR ARRAY	2	
R7243-45	ERJ6GEY0R00	M 0 OHM, 1/10W	3	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R7247	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R7248	ERJ6GEYJ223	M 22KOHM,J,1/10W	1	
R7249,50	EXB38V470J	RESISTOR ARRAY	2	
R7251-53	ERJ6GEY0R00	M 0 OHM, 1/10W	3	
R7254,55	TAJAAH0470JV	M 47 OHM,J,1/16W	2	
R7257,58	EXB38V470J	RESISTOR ARRAY	2	
R7259	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R7261,62	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R7283	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R7289,90	TAJAAH0470JV	M 47 OHM,J,1/16W	2	
R7293	TAJAAH0470JV	M 47 OHM,J,1/16W	1	
R7296	ERJ3GEYJ151	M 150 OHM,J,1/16W	1	
R7297	TAJAAH0470JV	M 47 OHM,J,1/16W	1	
R8001-04	J0JCC0000100	CHIP INDUCTOR	4	
R8009-12	ERJ3GEYJ271	M 270 OHM,J,1/16W	4	
R8017,18	ERJ3GEYJ562	M 5.6KOHM,J,1/16W	2	
R8021	ERJ3GEYJ222	M 2.2KOHM,J,1/16W	1	
R8025	J0JCC0000100	CHIP INDUCTOR	1	
R8026	ERJ3GEYJ331	M 330 OHM,J,1/16W	1	
R8029	ERJ6ENF3001	M 3KOHM, 1/10W	1	
R8031	ERJ6ENF2201	M 2.2KOHM, 1/10W	1	
R8033	ERJ3GEYJ104	M 100KOHM,J,1/16W	1	
R8035	ERJ6ENF3300	M 330 OHM, 1/10W	1	
R8036	ERJ6ENF1500	M 150 OHM, 1/10W	1	
R8037	ERJ6ENF4701	M 4.7KOHM, 1/10W	1	
R8039	ERJ6ENF4701	M 4.7KOHM, 1/10W	1	
R8041	ERJ3GEYJ183	M 18KOHM,J,1/16W	1	
R8045,46	ERJ3GEYJ222	M 2.2KOHM,J,1/16W	2	
R8047	ERJ3GEYJ271	M 270 OHM,J,1/16W	1	
R8048	ERJ3GEYJ222	M 2.2KOHM,J,1/16W	1	
R8050,51	ERJ3GEYJ222	M 2.2KOHM,J,1/16W	2	
R8055,56	ERJ3GEYJ101	M 100 OHM,J,1/16W	2	
R8057	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R8058,59	ERJ3GEYJ101	M 100 OHM,J,1/16W	2	
R8065	D0GB911JA002	M 910 OHM,J,1/16W	1	
R8067	D0GB911JA002	M 910 OHM,J,1/16W	1	
R8069	ERJ6GEYJ681	M 680 OHM,J,1/10W	1	
R8072	J0JCC0000100	CHIP INDUCTOR	1	
R8089	ERJ3GEYJ181	M 180 OHM,J,1/16W	1	
R8093	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R8097,98	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R8100	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R8117-20	J0JCC0000100	CHIP INDUCTOR	4	
R8121,22	ERJ3GEYJ272	M 2.7KOHM,J,1/16W	2	
R8124-27	ERJ6GEYJ101	M 100 OHM,J,1/10W	4	
R8129	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R8131-35	ERJ3GEY0R00	M 0 OHM, 1/16W	5	
R8181	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	
R8182	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R8183,84	J0JCC0000100	CHIP INDUCTOR	2	
R8185,86	ERJ3GEYJ272	M 2.7KOHM,J,1/16W	2	
R8187,88	ERJ6GEYJ560	M 56 OHM,J,1/10W	2	
R8189,90	ERJ6GEY0R00	M 0 OHM, 1/10W	2	
R8200	ERJ3GEYJ223	M 22KOHM,J,1/16W	1	
R8201	ERJ3GEYJ473	M 47KOHM,J,1/16W	1	
R8202,03	ERJ3GEYJ223	M 22KOHM,J,1/16W	2	
R8204	ERJ3GEYJ104	M 100KOHM,J,1/16W	1	
R8205	ERJ3GEYJ563	M 56KOHM,J,1/16W	1	
R8206	ERJ3GEYJ473	M 47KOHM,J,1/16W	1	
R8207	J0JCC0000100	CHIP INDUCTOR	1	
R9001-03	EXB2HVR000	RESISTOR ARRAY	3	
R9004	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R9005	ERJ3GEYJ272	M 2.7KOHM,J,1/16W	1	
R9006	ERJ3EKF6801	M 6.8KOHM, 1/16W	1	
R9007	ERJ3GEYJ390	M 39 OHM,J,1/16W	1	
R9008	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9009	ERJ3GEYJ390	M 39 OHM,J,1/16W	1	
R9010	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9011	ERJ3GEYJ390	M 39 OHM,J,1/16W	1	
R9012-14	ERJ3GEY0R00	M 0 OHM, 1/16W	3	
R9016-19	ERJ3GEY0R00	M 0 OHM, 1/16W	4	
R9020	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R9021	ERJ3GEYJ100	M 10 OHM,J,1/16W	1	
R9023	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R9028-30	ERJ3GEY0R00	M 0 OHM, 1/16W	3	
R9032	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9034	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9035-38	TAJAAH0101JV	M 100 OHM,J,1/16W	4	
R9039-42	ERJ3GEY0R00	M 0 OHM, 1/16W	4	
R9043,44	ERJ3GEYJ122	M 1.2KOHM,J,1/16W	2	
R9101,02	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R9104-07	ERJ3GEY0R00	M 0 OHM, 1/16W	4	
R9108	EXB38V103J	RESISTOR ARRAY	1	
R9109	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9110,11	EXB38V103J	RESISTOR ARRAY	2	
R9112	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9113-15	ERJ3GEYJ103	M 10KOHM,J,1/16W	3	
R9116-26	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	11	
R9127	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9129,30	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R9131,32	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R9133,34	TAJAAH0470JV	M 47 OHM,J,1/16W	2	
R9137	TAJAAH0470JV	M 47 OHM,J,1/16W	1	
R9139	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R9140	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R9142	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R9144	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R9145	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R9148	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R9149	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9151-53	D1HG1038A002	NETWORK RESISTER	3	
R9154	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9155	EXB38V103J	RESISTOR ARRAY	1	
R9156,57	EXB2HV470JV	RESISTOR ARRAY	2	
R9158	ERJ3GEYJ473	M 47KOHM,J,1/16W	1	
R9171	TAJAAH0470JV	M 47 OHM,J,1/16W	1	
R9205	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9207	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9209	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9211-20	TAJAAH0101JV	M 100 OHM,J,1/16W	10	
R9221,22	TAJAAH0470JV	M 47 OHM,J,1/16W	2	
R9224	ERJ3GEY0R00	M 0 OHM, 1/16W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R9226	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9228	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9229	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9237	TAJAAH0470JV	M 47 OHM,J,1/16W	1	
R9238	EXB38V470J	RESISTOR ARRAY	1	
R9239	TAJAAH0470JV	M 47 OHM,J,1/16W	1	
R9240-43	ERJ3GEY0R00	M 0 OHM, 1/16W	4	
R9244	ERJ3GEYJ220	M 22 OHM,J,1/16W	1	
R9245	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R9249-52	ERJ3GEY0R00	M 0 OHM, 1/16W	4	
R9256,57	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R9260,61	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R9265	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9271-73	EXB2HV470JV	RESISTOR ARRAY	3	
R9274,75	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R9276	ERJ3GEYJ220	M 22 OHM,J,1/16W	1	
R9277-79	EXB2HV470JV	RESISTOR ARRAY	3	
R9280,81	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R9282	ERJ3GEYJ220	M 22 OHM,J,1/16W	1	
R9283	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R9284	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9286	ERJ3GEYJ223	M 22KOHM,J,1/16W	1	
R9287,88	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R9289	TAJAAH0101JV	M 100 OHM,J,1/16W	1	
R9290	ERJ3GEYJ561	M 560 OHM,J,1/16W	1	
R9293-95	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	3	
R9296	ERJ3GEYJ331	M 330 OHM,J,1/16W	1	
R9297	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R9301	EXB38V470J	RESISTOR ARRAY	1	
R9302-05	TAJAAH0470JV	M 47 OHM,J,1/16W	4	
R9306,07	EXB2HV470JV	RESISTOR ARRAY	2	
R9308	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9309	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R9310	ERJ3GEYJ104	M 100KOHM,J,1/16W	1	
R9311	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9312,13	ERJ6GEY0R00	M 0 OHM, 1/10W	2	
R9314	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R9315	ERJ3GEYJ104	M 100KOHM,J,1/16W	1	
R9316	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9317	TAJAAH0101JV	M 100 OHM,J,1/16W	1	
R9318	ERJ3GEYJ104	M 100KOHM,J,1/16W	1	
R9319,20	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R9321	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9322-24	EXB2HV470JV	RESISTOR ARRAY	3	
R9325	EXB38V470J	RESISTOR ARRAY	1	
R9326,27	TAJAAH0470JV	M 47 OHM,J,1/16W	2	
R9328	EXB2HV470JV	RESISTOR ARRAY	1	
R9502	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9503	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9505	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9508	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9509,10	TAJAAH0470JV	M 47 OHM,J,1/16W	2	
R9512-16	TAJAAH0470JV	M 47 OHM,J,1/16W	5	
R9518	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9561	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9563	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R9566	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R9568-70	ERJ3GEY0R00	M 0 OHM, 1/16W	3	
R9571,72	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R9581	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9583,84	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R9585	ERJ3GEYJ220	M 22 OHM,J,1/16W	1	
R9586	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9591	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9593,94	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R9595	ERJ3GEYJ220	M 22 OHM,J,1/16W	1	
R9596	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9601	ERJ3GEYJ100	M 10 OHM,J,1/16W	1	
R9602,03	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R9604	TAJAAH0101JV	M 100 OHM,J,1/16W	1	
R9605,06	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R9607	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9608	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9609	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9610,11	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R9614-17	ERJ3GEY0R00	M 0 OHM, 1/16W	4	
R9620	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9622	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9624	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9626-31	ERJ3GEY0R00	M 0 OHM, 1/16W	6	
R9633	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9635	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9637,38	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R9641	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9643,44	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R9647	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9649	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9651-54	ERJ3GEY0R00	M 0 OHM, 1/16W	4	
R9682,83	ERJ6GEY0R00	M 0 OHM, 1/10W	2	
R9684,85	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R9701-03	ERJ3GEYJ103	M 10KOHM,J,1/16W	3	
R9705	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9706,07	ERJ3GEYJ332	M 3.3KOHM,J,1/16W	2	
R9708	TAJAAH0101JV	M 100 OHM,J,1/16W	1	
R9709	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9710	TAJAAH0101JV	M 100 OHM,J,1/16W	1	
R9711	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9713	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9714	TAJAAH0101JV	M 100 OHM,J,1/16W	1	
R9715	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9716	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9718	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9720	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9722,23	EXB2HV470JV	RESISTOR ARRAY	2	
R9724	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R9725-28	ERJ3GEY0R00	M 0 OHM, 1/16W	4	
R9729	TAJAAH0470JV	M 47 OHM,J,1/16W	1	
R9730	ERJ3GEYJ272	M 2.7KOHM,J,1/16W	1	
R9731	TAJAAH0470JV	M 47 OHM,J,1/16W	1	
R9732	ERJ3GEYJ272	M 2.7KOHM,J,1/16W	1	
R9733	EXB38V220J	RESISTOR ARRAY	1	
R9734,35	ERJ3GEYJ272	M 2.7KOHM,J,1/16W	2	
R9736,37	ERJ3GEYJ562	M 5.6KOHM,J,1/16W	2	
R9738	ERJ3GEYJ330	M 33 OHM,J,1/16W	1	
R9739	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9740	TAJAAH0101JV	M 100 OHM,J,1/16W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R9741	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9742	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R9743	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9744	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9747	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9748-50	ERJ3GEY0R00	M 0 OHM, 1/16W	3	
R9751,52	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R9753	TAJAAH0101JV	M 100 OHM,J,1/16W	1	
R9754	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9755	TAJAAH0101JV	M 100 OHM,J,1/16W	1	
R9756	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R9757	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9759	ERJ3GEYJ393	M 39KOHM,J,1/16W	1	
R9760	TAJAAH0101JV	M 100 OHM,J,1/16W	1	
R9761	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R9762	ERJ3GEYJ153	M 15KOHM,J,1/16W	1	
R9764	ERJ3GEYJ393	M 39KOHM,J,1/16W	1	
R9765	TAJAAH0101JV	M 100 OHM,J,1/16W	1	
R9766	ERJ3GEYJ393	M 39KOHM,J,1/16W	1	
R9767	TAJAAH0101JV	M 100 OHM,J,1/16W	1	
R9768	ERJ3GEYJ393	M 39KOHM,J,1/16W	1	
R9769	TAJAAH0101JV	M 100 OHM,J,1/16W	1	
R9771	TAJAAH0101JV	M 100 OHM,J,1/16W	1	
R9772,73	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R9774	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R9775	ERJ3GEYJ123	M 12KOHM,J,1/16W	1	
R9777	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9778,79	TAJAAH0101JV	M 100 OHM,J,1/16W	2	
R9781	TAJAAH0101JV	M 100 OHM,J,1/16W	1	
R9782	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9783	TAJAAH0101JV	M 100 OHM,J,1/16W	1	
R9785	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9786-88	TAJAAH0101JV	M 100 OHM,J,1/16W	3	
R9791	ERJ3GEYJ272	M 2.7KOHM,J,1/16W	1	
R9792	TAJAAH0101JV	M 100 OHM,J,1/16W	1	
R9793	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9795	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9796	TAJAAH0101JV	M 100 OHM,J,1/16W	1	
R9797	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9798	TAJAAH0101JV	M 100 OHM,J,1/16W	1	
R9801	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9803	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9805	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9806	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9807	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9808	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9810	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9811	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9812	ERJ3GEYJ473	M 47KOHM,J,1/16W	1	
R9813	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9814	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R9815	ERJ3GEYJ473	M 47KOHM,J,1/16W	1	
R9816	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9817	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R9818	ERJ3GEYJ473	M 47KOHM,J,1/16W	1	
R9819	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9820,21	ERJ3GEYJ562	M 5.6KOHM,J,1/16W	2	
R9822	ERJ3GEYJ331	M 330 OHM,J,1/16W	1	
R9823	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R9824	ERJ3GEYJ332	M 3.3KOHM,J,1/16W	1	
R9825	ERJ3GEYJ682	M 6.8KOHM,J,1/16W	1	
R9826	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9828	ERJ3GEYJ104	M 100KOHM,J,1/16W	1	
R9829	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R9830	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9832	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R9833	TAJAAH0101JV	M 100 OHM,J,1/16W	1	
R9834	ERJ3GEYJ332	M 3.3KOHM,J,1/16W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R9836,37	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R9838	ERJ3GEYJ682	M 6.8KOHM,J,1/16W	1	
R9839	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9840	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9843	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9844	ERJ3GEYJ562	M 5.6KOHM,J,1/16W	1	
R9845-55	TAJAAH0101JV	M 100 OHM,J,1/16W	11	
R9857	TAJAAH0101JV	M 100 OHM,J,1/16W	1	
R9860	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9861	ERJ3GEYJ332	M 3.3KOHM,J,1/16W	1	
R9863	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9864	ERJ3GEYJ332	M 3.3KOHM,J,1/16W	1	
R9865	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9866	TAJAAH0101JV	M 100 OHM,J,1/16W	1	
R9868-70	ERJ3GEY0R00	M 0 OHM, 1/16W	3	
R9871	ERJ3GEYJ223	M 22KOHM,J,1/16W	1	
R9872,73	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R9874	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9875	TAJAAH0101JV	M 100 OHM,J,1/16W	1	
R9876-79	ERJ3GEY0R00	M 0 OHM, 1/16W	4	
R9880	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9881	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9882	EXB38VR000	RESISTOR ARRAY	1	
R9883	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9884	TAJAAH0101JV	M 100 OHM,J,1/16W	1	
R9885	EXB38VR000	RESISTOR ARRAY	1	
R9891-93	ERJ3GEY0R00	M 0 OHM, 1/16W	3	
R9894	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9895-97	ERJ3GEY0R00	M 0 OHM, 1/16W	3	
R9951	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R9953	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R9954	ERJ6ENF2322	M23.2KOHM, 1/10W	1	
R9955	ERJ6ENF1002	M 10KOHM, 1/10W	1	
R9956	ERJ3GEYJ473	M 47KOHM,J,1/16W	1	
R9957	ERJ3GEYJ683	M 68KOHM,J,1/16W	1	
R9961	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R9963	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R9964	ERJ6ENF5101	M 5.1KOHM, 1/10W	1	
R9965	ERJ6ENF1002	M 10KOHM, 1/10W	1	
R9966	ERJ3GEYJ183	M 18KOHM,J,1/16W	1	
R9967	ERJ3GEYJ683	M 68KOHM,J,1/16W	1	
R9971	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R9973	ERJ6ENF2002	M 20KOHM, 1/10W	1	
R9974	ERJ6ENF3302	M 33KOHM, 1/10W	1	
R9976,77	ERJ6GEY0R00	M 0 OHM, 1/10W	2	
R9981	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R9982	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9983	ERJ6ENF1601	M 1.6KOHM, 1/10W	1	
R9984	ERJ6ENF1001	M 1KOHM, 1/10W	1	
R9985	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R9991,92	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R9993	TAJAAH0101JV	M 100 OHM,J,1/16W	1	
R9994-96	ERJ3GEYJ103	M 10KOHM,J,1/16W	3	
RM001	PNA4701M05TV	REMOCO RECEIVER	1	
RTL	TNPA3003	CIRCUIT BOARD H3	1	⚠
RTL	TNPA3630AB	CIRCUIT BOARD J	1	⚠
RTL	TZTNP020YNS	CIRCUIT BOARD HX	1	⚠
RTL	TXNHA10RBS	CIRCUIT BOARD HA	1	TH-42PWD8UK ⚠
RTL	TXNHB10QXS	CIRCUIT BOARD HB	1	TH-42PWD8UK ⚠

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
RTL	TXNHB10QXS	CIRCUIT BOARD HB	1	TH-42PWD8BK/BS/EK/ES PAVCCZ ⚠
RTL	TNPA3570	CIRCUIT BOARD P	1	⚠
RTL	TNPA3545	CIRCUIT BOARD C1	1	⚠
RTL	TNPA3546	CIRCUIT BOARD C2	1	⚠
RTL	TZTNP01YNSU	CIRCUIT BOARD D	1	TH-42PWD8GK/GS/UK ⚠
RTL	TZTNP01YNSE	CIRCUIT BOARD D	1	TH-42PWD8BK/BS/EK/ES PAVCCZ ⚠
RTL	TNPA3543	CIRCUIT BOARD SC	1	⚠
RTL	TNPA3243	CIRCUIT BOARD SD	1	⚠
RTL	TNPA3544	CIRCUIT BOARD SS	1	⚠
RTL	TNPA3242	CIRCUIT BOARD SU	1	⚠
RTL	TNPA3640	CIRCUIT BOARD V1	1	⚠
RTL	TNPA3641	CIRCUIT BOARD V2	1	⚠
RTL	TNPA3642	CIRCUIT BOARD S1	1	⚠
S34	K1KA03AA0193	3P CONNECTOR	1	
SC2	K1KA06AA0192	6P CONNECTOR	1	
SC20	K1KA20AA0008	20P CONNECTOR	1	
SC23	K1KA03AA0193	3P CONNECTOR	1	
SC30	K1KA03AA0193	3P CONNECTOR	1	
SC41,42	K1ML80BA0001	80P CONNECTOR	2	
SC45,46	K1KA10A00431	10P CONNECTOR	2	
SD1-D3	K1MN80B00004	80P CONNECTOR	3	
SD46	K1KA10B00209	10P CONNECTOR	1	
SS11	K1KA07AA0192	7P CONNECTOR	1	
SS12	K1KA05AA0192	5P CONNECTOR	1	
SS23	K1KA12AA0194	12P CONNECTOR	1	
SS34	K1KA03AA0193	3P CONNECTOR	1	
SS41-44	K1MN13B00020	13P CONNECTOR	4	
SU1-U3	K1MN80B00004	80P CONNECTOR	3	
SU45	K1KA10B00209	10P CONNECTOR	1	
SW061	K0F162B00002	SWITCH	1	
SW1550-54	EVQPLHA15	SWITCH	5	⚠
T6461	ETS13TB139AP	SWITCHING TRANS	1	
T6471	ETS19AA259AC	SWITCHING TRANS	1	
V2	K1KA06BA0047	6P CONNECTOR	1	
V15	K1KA03BA0047	3P CONNECTOR	1	
VR6074	EVMEASA00B14	CONTROL 10KOHMB 0.3W	1	
VR6477	EVMEASA00B23	CONTROL 2KOHMB 0.3W	1	
VR6557	EVMEASA00B14	CONTROL 10KOHMB 0.3W	1	
X2301	H0J184500020	CRYSTAL	1	
X3101	H0J202500002	CRYSTAL	1	
X8181	H0J327200114	CRYSTAL	1	
X9501	H0J200500038	CRYSTAL	1	
X9701	H0J400400017	CRYSTAL	1	
ZA001	K4CD01000013	TERMINAL	1	
ZA007	K4CD01000013	TERMINAL	1	
ZA3001-08	K4CD01000013	TERMINAL	8	
ZA6001-04	K4CD01000013	TERMINAL	4	
ZA6601-03	K4CD01000013	TERMINAL	3	
ZA7101,02	K4CD01000013	TERMINAL	2	
ZA7104	K4CD01000013	TERMINAL	1	
ZA7201	K4CD01000013	TERMINAL	1	
ZA7203,04	K4CD01000013	TERMINAL	2	
C402	ECJ2XC1H101J	C 100PF, J, 50V	1	
C403	ECKCNA222MEB	C 2200PF, M	1	⚠
C404	F0CAF105A021	C 1UF, 250V	1	⚠
C405	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C407	ECA2WHG220	E 22UF, 450V	1	
C409	F0CAF105A021	C 1UF, 250V	1	⚠
C410	ECJ3YB1E105K	C 1UF, K, 25V	1	
C411-14	ECJ2XB1H103K	C 0.01UF, K, 50V	4	
C415,16	F1A3A102A040	C 1000PF, J, 1KV	2	
C417	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C418	F1J1C1050011	C 1UF, Z, 50V	1	
C419	F1A3A102A040	C 1000PF, J, 1KV	1	
C421,22	ECJ2XB1H103K	C 0.01UF, K, 50V	2	
C423	ECJ2XB1H472K	C 4700PF, K, 50V	1	
C424	F1A3A102A040	C 1000PF, J, 1KV	1	
C425	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C426	ECJ2XC1H471J	C 470PF, J, 50V	1	
C427	F1J1C1050011	C 1UF, Z, 50V	1	
C428	ECJ2XC1H221J	C 220PF, J, 50V	1	
C429,30	F1K2J1530002	C 0.15PF, J,630V	2	
C431	ECJ2XB1H102K	C 1000PF, K, 50V	1	
C432-34	F1J1C1050011	C 1UF, Z, 50V	3	
C436	F1J1C1050011	C 1UF, Z, 50V	1	
C440	ECA1HM100	E 10UF, 50V	1	
C443,44	F1A3A102A040	C 1000PF, J, 1KV	2	
C445	F1J1C1050011	C 1UF, Z, 50V	1	
C446	F2B2W3910005	C 390UF, 450V	1	
C451	F1A3A101A040	C 100PF, J, 1KV	1	
C457	ECWH12333RHV	P 0.013UF,J,1.2KV	1	
C459	F1K2J1530002	C 0.15PF, J,630V	1	
C460,61	F1A3A331A039	E 330UF, 1KV	2	
C462	ECJ3YB1E105K	C 1UF, K, 25V	1	
C463	ECJ2XC1H220J	C 22UF, J, 50V	1	
C465	ECKCNA221KB7	C 220PF, M,	1	⚠
C467	ECKCNA221KB7	C 220PF, M,	1	⚠
C468	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C470	F0CAF105A021	C 1UF, 250V	1	⚠
C471	F1J1C1050011	C 1UF, Z, 50V	1	
C473	ECKCNA221KB7	C 220PF, M,	1	⚠
C476	ECKCNA221KB7	C 220PF, M,	1	⚠
C482	ECJ2XB1H104K	C 0.1UF, K, 50V	1	
C490	ECJ2XC1H331J	C 330PF, J, 50V	1	
C491	ECJ2XB1E104K	C 0.1UF, K, 25V	1	
C492	ECJ2XC1H271J	C 270PF, J, 50V	1	
C493	ECA1EM101	E 100UF, 25V	1	
C494,95	ECJ2XC1H101J	C 100PF, J, 50V	2	
C496	F1J1C1050011	C 1UF, Z, 50V	1	
C497	ECA1EM221	E 220UF, 25V	1	
C498	ECJ2XB1H104K	C 0.1UF, K, 50V	1	
C501-03	ECJ2XB1H103K	C 0.01UF, K, 50V	3	
C504	F1J1C1050011	C 1UF, Z, 50V	1	
C505	ECJ2XB1H102K	C 1000PF, K, 50V	1	
C506-08	ECJ2XB1H103K	C 0.01UF, K, 50V	3	
C509	ECA1EM101	E 100UF, 25V	1	
C510	ECJ2XB1H104K	C 0.1UF, K, 50V	1	
C511	ECA1EM331	E 330UF, 25V	1	
C512-14	ECJ2XC1H471J	C 470PF, J, 50V	3	
C515	ECA1CM222	E 2200UF, 16V	1	
C516	ECJ2XB1C474K	C 0.47UF, K, 16V	1	
C517	F2D1E1010001	E 10UF, 25V	1	
C518,19	F1J1C1050011	C 1UF, Z, 50V	2	
C523	ECJ3YB1E105K	C 1UF, K, 25V	1	
C525	F2A1E8210012	E 820UF, 25V	1	
C526	ECJ2XB1H104K	C 0.1UF, K, 50V	1	
C527	ECJ3YB1E475K	C 4.7UF, K, 25V	1	
C528,29	F1J1C1050011	C 1UF, Z, 50V	2	
C530	ECJ2VB1H333K	C 0.033UF, K, 50V	1	
C533	ECJ2XB1H103K	C 0.01UF, K, 50V	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C534	ECJ2XC1H471J	C 470PF, J, 50V	1	
C546,47	ECJ2VB1H333K	C 0.033UF, K, 50V	2	
C548	ECJ2XB1H104K	C 0.1UF, K, 50V	1	
C551-53	ECJ2XB1H104K	C 0.1UF, K, 50V	3	
C554	F1J1C1050011	C 1UF, Z, 50V	1	
C555	ECA2AM101	E 100UF, 100V	1	
C556	F2A1C1520009	E 1500UF, 16V	1	
C557	F2A1E1520089	E 1500UF, 25V	1	
C562	ECJ2XB1H104K	C 0.1UF, K, 50V	1	
C572	ECJ2XB1H104K	C 0.1UF, K, 50V	1	
C574	ECJ2XB1H104K	C 0.1UF, K, 50V	1	
C577	ECA2AM330	E 33UF, 100V	1	
C581	ECJ2XB1H223K	C 0.022UF, K, 50V	1	
C583	ECJ2XB1H102K	C 1000PF, K, 50V	1	
C584	ECJ2XB1H223K	C 0.022UF, K, 50V	1	
C587	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C591,92	F1K2J1530002	C 0.15PF, J,630V	2	
C601	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C603	ECA1HM470	E 47UF, 50V	1	
C604,05	F2A2C1510004	E 150UF, 160V	2	
C606,07	F1J1C1050011	C 1UF, Z, 50V	2	
C608,09	ECJ2XB1H103K	C 0.01UF, K, 50V	2	
C610	F1J1C1050011	C 1UF, Z, 50V	1	
C611	F2B2D1720001	E 1700UF,@ 200V	1	
C612	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C615	F2B2D1720001	E 1700UF,@ 200V	1	
C616	F1A3A102A040	C 1000PF, J, 1KV	1	
C619	ECJ2XB1H104K	C 0.1UF, K, 50V	1	
C620	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C623	ECA1HM100	E 10UF, 50V	1	
C624	ECJ3YB1E105K	C 1UF, K, 25V	1	
C626	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C629	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C631	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C633	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C634	ECJ2XB1H102K	C 1000PF, K, 50V	1	
C635	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C636	F1J1C1050011	C 1UF, Z, 50V	1	
C637	ECJ2XB1H104K	C 0.1UF, K, 50V	1	
C638,39	ECJ2XB1H103K	C 0.01UF, K, 50V	2	
C640	ECJ2XB1H104K	C 0.1UF, K, 50V	1	
C641	ECJ2XB1H102K	C 1000PF, K, 50V	1	
C643	ECA1HM470	E 47UF, 50V	1	
C646,47	ECJ2XC1H331J	C 330PF, J, 50V	2	
D401	B0FBAT000006	DIODE	1	
D402	MA4240MTA	ZENER DIODE	1	
D403	MA4051NM	ZENER DIODE	1	
D404	B0EBKT000007	DIODE	1	
D406	MA4200M	ZENER DIODE	1	
D407	MA188	DIODE	1	
D410	MA111	DIODE	1	
D411	B0BB17000010	DIODE	1	
D412-14	MA111	DIODE	3	
D415	B0JAME000081	DIODE	1	
D417	RU30A	DIODE	1	
D418	MA4082M	ZENER DIODE	1	
D419,20	RU30A	DIODE	2	
D423	MA188	DIODE	1	
D425	MA188	DIODE	1	
D427-29	ERA15-10	DIODE	3	
D431	B0JCDD000002	DIODE	1	
D433	MA4150M	ZENER DIODE	1	
D434	MA4082M	ZENER DIODE	1	
D435	ERA15-10	DIODE	1	
D436	MA188	DIODE	1	
D437	MA4082M	ZENER DIODE	1	
D438	MA4150M	ZENER DIODE	1	
D439	MA4130HTA	ZENER DIODE	1	
D440	MA4300M	ZENER DIODE	1	
D441	B0HAMM000122	DIODE	1	
D442	MA4075M	ZENER DIODE	1	
D443	MA4240MTA	ZENER DIODE	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
D444	B0HAMM000122	DIODE	1	
D445	MA165	DIODE	1	
D459	MA188	DIODE	1	
D461	MA4082M	ZENER DIODE	1	
D462	MA142WKTX	ZENER DIODE	1	
D463-67	ERA15-10	DIODE	5	
D501	B0HANR000016	DIODE	1	
D503,04	MA165	DIODE	2	
D505	B0JAME000081	DIODE	1	
D506	MA4051NM	ZENER DIODE	1	
D507,08	MA4150M	ZENER DIODE	2	
D509,10	B0HANM000028	DIODE	2	
D511	B0HBSM000043	DIODE	1	
D514	MA4062M	ZENER DIODE	1	
D521	B0HAMP000067	DIODE	1	
D528,29	MA153	DIODE	2	
D530	MA4100M	ZENER DIODE	1	
D531,32	B0HAPR000012	DIODE	2	
D534	B0JBSG000026	DIODE	1	
D535	MA188	DIODE	1	
D536	B0JBSL000013	DIODE	1	
D538	MA3051M	ZENER DIODE	1	
D539	B0HBRP000007	DIODE	1	
D542	MA4180HTA	ZENER DIODE	1	
D543	MA4150M	ZENER DIODE	1	
D544,45	MA4180HTA	ZENER DIODE	2	
D549	MA4075M	ZENER DIODE	1	
D551	MA4130M	ZENER DIODE	1	
D552	MA4082M	ZENER DIODE	1	
D555	MA4075M	ZENER DIODE	1	
D559	MA4075M	ZENER DIODE	1	
D563	MA4062M	ZENER DIODE	1	
D564	MAZ72000AF	ZENER DIODE	1	
D565	MA4160M	ZENER DIODE	1	
D566	B0HAMM000122	DIODE	1	
D568	MA3J142D0L	DIODE	1	
D569-71	MA4300M	ZENER DIODE	3	
D572	MA188	DIODE	1	
D574	MA111	DIODE	1	
D575	MA188	DIODE	1	
D579	MA111	DIODE	1	
D582	MAZ705600F	ZENER DIODE	1	
D584	MA4075M	ZENER DIODE	1	
D586	B0HAMP000067	DIODE	1	
D587	MA188	DIODE	1	
IC401	CNC1S171R	IC	1	⚠
IC402	C0BBAA000038	IC	1	
IC403,04	CNC1S171R	IC	2	⚠
IC406	C0DAZZZ00021	IC	1	
IC407	C0DBAZZ00111	IC	1	
IC408,09	CNC1S171R	IC	2	⚠
IC411	C0BBAA000038	IC	1	
IC412	CNC1S171R	IC	1	
IC501	C2ABDD000064	IC	1	⚠
IC502	C0EBH0000190	IC	1	
IC503,04	C0DAEMB00004	IC	2	
IC505	CNC1S171R	IC	1	
IC506	C0ZBZ0000878	IC	1	
IC507	C0CBABE00023	IC	1	
IC509	C0DABZZ00010	IC	1	
IC512	C0DAEMB00004	IC	1	
IC520	C9ZB00000496	IC	1	
L402	EXCELSA24	BEAD CHOKE	1	
L403	EXCELSA35	BEAD CHOKE	1	
L404,05	G0B123K00003	INDUCTION COIL	2	⚠
L501	EXCELSA35	BEAD CHOKE	1	
L502	TALL08N102JA	INDUCTION COIL	1	
L506	EXCELDR25C	BEAD CHOKE	1	
L509	J0JBC0000032	CHIP INDUCTOR	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
L510	EXCELDR25C	BEAD CHOKE	1	
P2	K1KA06AA0479	6P CONNECTOR	1	
P5	K1KA11AA0183	11P CONNECTOR	1	
P9	K1KA03A00537	3P CONNECTOR	1	
P10	K1KA06AA0182	6P CONNECTOR	1	
P11	K1KA07AA0192	7P CONNECTOR	1	
P12	K1KA05AA0192	5P CONNECTOR	1	
P23	K1KA03AA0182	3P CONNECTOR	1	
P25	K1KA20AA0178	20P CONNECTOR	1	
P30	K1KA05AA0182	5P CONNECTOR	1	
PR401	K5Y502BA0001	FUSE	1	
PR402	K5G202B00015	FUSE	1	
PR501	K5H502Z00003	FUSE	1	
PR503	K5H502Z00003	FUSE	1	
PR509	K5H501Z00005	FUSE	1	
PR601	K5G312B00012	FUSE	1	
Q401	B1CHND000004	TRANSISTOR	1	
Q403	B1CBGD000001	TRANSISTOR	1	
Q404	B1BCCF000022	TRANSISTOR	1	
Q406	B1DEHQ000007	TRANSISTOR	1	
Q407	XN4601	TRANSISTOR	1	
Q408,09	B1CHND000004	TRANSISTOR	2	
Q412,13	B1DAGQ000013	TRANSISTOR	2	
Q414	B1ABCF000134	TRANSISTOR	1	
Q415	2SB1218ARL	TRANSISTOR	1	
Q417	B1CHND000004	TRANSISTOR	1	
Q418	2SD1819A	TRANSISTOR	1	
Q420-22	2SD1819A	TRANSISTOR	3	
Q423,24	B1CBGD000001	TRANSISTOR	2	
Q430	B1CEJQ000002	TRANSISTOR	1	
Q431	B1DEGS000001	TRANSISTOR	1	
Q432	B1CEJQ000002	TRANSISTOR	1	
Q433	B1CBGD000001	TRANSISTOR	1	
Q434	B1CEJQ000002	TRANSISTOR	1	
Q435	B1CBGD000001	TRANSISTOR	1	
Q436	B1CEJQ000002	TRANSISTOR	1	
Q438	B1CBGD000001	TRANSISTOR	1	
Q439	B1CHND000004	TRANSISTOR	1	
Q440,41	2SD1819A	TRANSISTOR	2	
Q501,02	2SD1820A	TRANSISTOR	2	
Q503	XN0440100L	TRANSISTOR	1	
Q505	B1CEJQ000002	TRANSISTOR	1	
Q506	B1CHND000004	TRANSISTOR	1	
Q507	B1DAGQ000013	TRANSISTOR	1	
Q508	XN0450100L	TRANSISTOR	1	
Q509	XN0440100L	TRANSISTOR	1	
Q510	B1DHBD000004	TRANSISTOR	1	
Q511	B1CFND000005	TRANSISTOR	1	
Q512	B1CBGD000001	TRANSISTOR	1	
Q516	B1DHBD000004	TRANSISTOR	1	
Q517	B1HFCFA00021	TRANSISTOR	1	
Q518	B1DEHL000018	TRANSISTOR	1	
Q519	B1DEHF000002	TRANSISTOR	1	
Q520	B1HFCFA00021	TRANSISTOR	1	
Q525	B1CBGD000001	TRANSISTOR	1	
Q527	B1DEHL000018	TRANSISTOR	1	
Q530	B1CBGD000001	TRANSISTOR	1	
Q535	2SD1819A	TRANSISTOR	1	
Q536-38	B1CFQD000001	TRANSISTOR	3	
Q541	B1CBGD000001	TRANSISTOR	1	
Q544	XN0440100L	TRANSISTOR	1	
Q550	B1CHGD000006	TRANSISTOR	1	
Q551,52	B1CBGD000001	TRANSISTOR	2	
Q553	2SD1819A	TRANSISTOR	1	
Q554	B1DHBD000004	TRANSISTOR	1	
Q557	2SD1819A	TRANSISTOR	1	
Q558	B1CHHG000002	TRANSISTOR	1	
Q559	2SD1819A	TRANSISTOR	1	
Q560	B1CHHG000002	TRANSISTOR	1	
Q561,62	2SD1819A	TRANSISTOR	2	
Q564,65	2SD1819A	TRANSISTOR	2	
Q567	B1CBGD000001	TRANSISTOR	1	
R401	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R402	ERJ6EKF6803	M 680KOHM, 1/10W	1	
R403	ERJ6ENF4702	M 47KOHM, 1/10W	1	
R404	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R405	ERJ6EKF6803	M 680KOHM, 1/10W	1	
R407	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R408	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R410,11	D1F5100E0002	F 3.3 OHM, 5W	2	⚠
R412	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R413	D1F5100E0002	F 3.3 OHM, 5W	1	⚠
R414	ERJ8GEYJ153	M 15KOHM, J,1/8W	1	
R415	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R416	ERJ6GEYJ332	M 3.3KOHM,J,1/10W	1	
R417	ERJ6ENF4303	M 430KOHM, 1/10W	1	
R418	ERJ6GEYJ473	M 47KOHM,J,1/10W	1	
R419	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R420	ERJ6GEYJ474	M 470KOHM,J,1/10W	1	
R421	ERJ6GEYJ333	M 33KOHM,J,1/10W	1	
R422	ERJ8GEYJ181	M 180 OHM, J,1/8W	1	
R423	ERJ6GEYJ154	M 150KOHM,J,1/10W	1	
R424	ERJ6GEYJ223	M 22KOHM,J,1/10W	1	
R425	ERJ6GEYJ332	M 3.3KOHM,J,1/10W	1	
R426	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R427	ERJ6GEYJ334	M 330KOHM,J,1/10W	1	
R428	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R429	ERJ8GEYJ103	M 10KOHM, J,1/8W	1	
R430	ERJ6ENF4303	M 430KOHM, 1/10W	1	
R431	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R432	ERJ8GEYJ103	M 10KOHM, J,1/8W	1	
R433	ERJ6ENF1202	M 12KOHM, 1/10W	1	
R435	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R436	ERJ8GEYJ153	M 15KOHM, J,1/8W	1	
R437	ERJ6GEYJ183	M 18KOHM,J,1/10W	1	
R438	ERJ6GEYJ331	M 330 OHM,J,1/10W	1	
R439	ERG12SJ120	M 12 OHM, J,1/2W	1	
R440	ERJ8GEYJ474	M 470KOHM, J,1/8W	1	
R441,42	ERJ6EKF6803	M 680KOHM, 1/10W	2	
R443	EVMAASA00B23	CONTROL 2KOHMB	1	
R444	ERJ6GEYJ123	M 12KOHM,J,1/10W	1	
R445	ERJ6ENF1003	M 100KOHM, 1/10W	1	
R446	ERX2SJR39H	M0.39 OHM, J, 2W	1	
R447	ERJ6ENF3302	M 33KOHM, 1/10W	1	
R448,49	D0XGR10JA007	RESISTOR ARRAY	2	
R450	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R451	ERJ6GEYJ333	M 33KOHM,J,1/10W	1	
R452	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R453	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R454	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R455	ERJ6GEYJ106	M 10MOHM,J,1/10W	1	
R456,57	ERJ6GEYJ333	M 33KOHM,J,1/10W	2	
R458	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R461	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R462	ERJ6ENF4303	M 430KOHM, 1/10W	1	
R463	ERJ6GEYJ333	M 33KOHM,J,1/10W	1	
R464	ERJ6ENF3302	M 33KOHM, 1/10W	1	
R465	ERJ6ENF5603	M 560KOHM, 1/10W	1	
R466,67	ERJ6GEYJ102	M 1KOHM,J,1/10W	2	
R468	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R469	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R470	ERX2SJR39H	M0.39 OHM, J, 2W	1	
R471	ERJ6GEYJ332	M 3.3KOHM,J,1/10W	1	
R472,73	ERJ6ENF5603	M 560KOHM, 1/10W	2	
R474	ERG1SJ104P	M 100KOHM, J, 1W	1	
R475	ERJ6EKF6803	M 680KOHM, 1/10W	1	
R476,77	ERJ14YJ181U	M 181 OHM, J,1/4W	2	
R478	ERJ8GEYJ220	M 22 OHM, J,1/8W	1	
R479	ERG1SJ104P	M 100KOHM, J, 1W	1	
R480	ERJ6ENF9102	M91.0KOHM, 1/10W	1	
R481	ERJ6GEYJ106	M 10MOHM,J,1/10W	1	
R482	ERJ8GEYJ220	M 22 OHM, J,1/8W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R483	ERJ6GEYJ106	M 10MOHM,J,1/10W	1	
R485	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R486,87	ERJ6GEYJ682	M 6.8KOHM,J,1/10W	2	
R488	ERJ6GEYJ106	M 10MOHM,J,1/10W	1	
R489	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R490,91	ERJ6GEYJ473	M 47KOHM,J,1/10W	2	
R492	ERJ6GEYJ220	M 22 OHM,J,1/10W	1	
R493	ERG12SJ120	M 12 OHM, J,1/2W	1	
R494-96	ERJ6ENF5603	M 560KOHM, 1/10W	3	
R497	ERJ6ENF2402	M 24KOHM, 1/10W	1	
R501	ERJ6GEYJ223	M 22KOHM,J,1/10W	1	
R502,03	ERJ6GEYJ104	M 100KOHM,J,1/10W	2	
R504	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R505	ERJ8GEYJ330	M 33 OHM, J,1/8W	1	
R506	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R507	ERJ6GEYJ221	M 220 OHM,J,1/10W	1	
R508	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R509-11	ERJ6GEYJ104	M 100KOHM,J,1/10W	3	
R512	ERJ6GEYJ223	M 22KOHM,J,1/10W	1	
R513,14	ERJ6GEYJ104	M 100KOHM,J,1/10W	2	
R515,16	ERJ6GEYJ102	M 1KOHM,J,1/10W	2	
R517	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R518	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R519,20	ERJ6GEYJ104	M 100KOHM,J,1/10W	2	
R521,22	ERJ8GEYJ100	M 10 OHM, J,1/8W	2	
R523	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R524	ERJ6GEYJ182	M 1.8KOHM,J,1/10W	1	
R525	ERJ6GEYJ473	M 47KOHM,J,1/10W	1	
R526,27	ERJ8GEYJ224	M 220KOHM, J,1/8W	2	
R528	ERJ6GEYJ4R7	M 4.7 OHM,J,1/10W	1	
R530	ERJ6RBD3302	M 3.3KOHM,F,1/10W	1	
R531	ERJ8GEYJ472	M 4.7KOHM, J,1/8W	1	
R532	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R533	ERJ8GEYJ223	M 22KOHM, J,1/8W	1	
R534	ERJ8GEYJ224	M 220KOHM, J,1/8W	1	
R535,36	ERJ6GEYJ102	M 1KOHM,J,1/10W	2	
R537	ERJ6ENF3602	M 36KOHM, 1/10W	1	
R538	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R539	ERJ6RBD1002	M 1.0KOHM, 1/10W	1	
R540	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R541	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R542	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R543	ERJ6GEYJ222	M 2.2KOHM,J,1/10W	1	
R544	ERJ6GEYJ331	M 330 OHM,J,1/10W	1	
R545	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R546,47	ERJ6GEYJ102	M 1KOHM,J,1/10W	2	
R548	ERJ8GEYJ102	M 1KOHM, J,1/8W	1	
R549	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R550	ERJ6GEYJ105	M 1MOHM,J,1/10W	1	
R551	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R552	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R553	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R554	ERJ6GEYJ332	M 3.3KOHM,J,1/10W	1	
R555,56	ERJ6GEYJ105	M 1MOHM,J,1/10W	2	
R557	ERJ8GEYJ471	M 470 OHM, J,1/8W	1	
R558	ERJ6GEYJ334	M 330KOHM,J,1/10W	1	
R559	ERJ6RBD4702	M 47KOHM, 1/10W	1	
R560	ERJ6ENF1302	M 13KOHM, 1/10W	1	
R561	ERJ6ENF4301	M 4.3KOHM, 1/10W	1	
R562	ERJ6ENF1802	M 18KOHM, 1/10W	1	
R563	ERJ6GEYJ2R2	M 2.2 OHM,J,1/10W	1	
R564	ERJ6GEYJ474	M 470KOHM,J,1/10W	1	
R565	ERJ6GEYJ334	M 330KOHM,J,1/10W	1	
R566	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R567	ERJ8GEYJ472	M 4.7KOHM, J,1/8W	1	
R568,69	ERG2SJ181	M 180 OHM, J, 2W	2	
R570	ERJ8GEYJ102	M 1KOHM, J,1/8W	1	
R571	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R572,73	ERJ8ENF3900	M 390 OHM, 1/8W	2	
R574	ERJ6GEYJ331	M 330 OHM,J,1/10W	1	
R575	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R576	ERJ6ENF1202	M 12KOHM, 1/10W	1	
R577,78	ERJ6GEYJ473	M 47KOHM,J,1/10W	2	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R579	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R580,81	ERJ6GEYJ473	M 47KOHM,J,1/10W	2	
R582	ERJ6ENF1002	M 10KOHM, 1/10W	1	
R583	ERJ6GEYJ473	M 47KOHM,J,1/10W	1	
R584	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R585	ERJ6GEYJ333	M 33KOHM,J,1/10W	1	
R586,87	ERJ6GEYJ473	M 47KOHM,J,1/10W	2	
R588	ERJ8ENF3900	M 390 OHM, 1/8W	1	
R589,90	ERJ8GEYJ123	M 12KOHM, J,1/8W	2	
R591	ERJ6GEYJ105	M 1MOHM,J,1/10W	1	
R592	ERJ6ENF3001	M 3KOHM, 1/10W	1	
R593	ERJ6ENF5601	M 5.6KOHM, 1/10W	1	
R594	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R595	ERJ8GEYJ222	M 2.2KOHM, J,1/8W	1	
R596	ERJ6ENF1002	M 10KOHM, 1/10W	1	
R597,98	ERJ6GEYJ473	M 47KOHM,J,1/10W	2	
R599,00	ERJ8GEYJ391	M 390 OHM, J,1/8W	2	
R601	ERJ6GEYJ473	M 47KOHM,J,1/10W	1	
R602	ERJ6ENF3301	M 3.3KOHM, 1/10W	1	
R603	ERJ6GEYJ332	M 3.3KOHM,J,1/10W	1	
R604	ERJ6GEYJ122	M 1.2KOHM,J,1/10W	1	
R606	ERJ6ENF1201	M 1.2KOHM, 1/10W	1	
R607	ERJ6GEYJ822	M 8.2KOHM,J,1/10W	1	
R608	ERJ8GEYJ332	M 3.3KOHM, J,1/8W	1	
R609	ERJ6GEYJ822	M 8.2KOHM,J,1/10W	1	
R610,11	ERJ6GEYJ103	M 10KOHM,J,1/10W	2	
R612	ERJ6GEYJ222	M 2.2KOHM,J,1/10W	1	
R613	ERJ6ENF1602	M 16KOHM, 1/10W	1	
R614	ERJ6ENF3301	M 3.3KOHM, 1/10W	1	
R615-17	ERJ6GEYJ103	M 10KOHM,J,1/10W	3	
R618	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R619	ERJ8RQFR68	M 0.68OHM, J,1/8W	1	
R620	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R621	ERJ8GEYJ123	M 12KOHM, J,1/8W	1	
R622	ERJ8ENF1503	M 15KOHM, 1/8W	1	
R623	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R624	ERX2SJR22	M0.22 OHM, J, 2W	1	
R625	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R626	ERJ8ENF1503	M 15KOHM, 1/8W	1	
R627	ERJ6GEYJ822	M 8.2KOHM,J,1/10W	1	
R628	EVMAASA00B33	CONTROL 3KOHMB	1	
R629	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R630	ERJ6GEYJ473	M 47KOHM,J,1/10W	1	
R631	ERJ8GEYJ333	M 33KOHM, J,1/8W	1	
R632	ERJ6GEYJ221	M 220 OHM,J,1/10W	1	
R633	ERJ6GEYJ334	M 330KOHM,J,1/10W	1	
R634	ERJ8RQFR68	M 0.68OHM, J,1/8W	1	
R636	ERJ8ENF1503	M 15KOHM, 1/8W	1	
R637	ERJ8RQFR68	M 0.68OHM, J,1/8W	1	
R640	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R641	ERJ6GEYJ473	M 47KOHM,J,1/10W	1	
R642-44	ERJ8RQFR68	M 0.68OHM, J,1/8W	3	
R645	ERJ6GEYJ473	M 47KOHM,J,1/10W	1	
R646,47	ERJ6GEYJ223	M 22KOHM,J,1/10W	2	
R648	ERJ8ENF1503	M 15KOHM, 1/8W	1	
R649	ERJ6GEYJ223	M 22KOHM,J,1/10W	1	
R650	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R651	ERJ6GEYJ473	M 47KOHM,J,1/10W	1	
R652	ERJ6ENF9101	M 9.1KOHM, 1/10W	1	
R653	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R654	ERJ8GEYJ101	M 100 OHM, J,1/8W	1	
R655	ERJ8RQJR39	M0.39 OHM, 1/8W	1	
R656	ERJ6ENF4702	M 47KOHM, 1/10W	1	
R657	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R658	ERJ6GEYJ105	M 1MOHM,J,1/10W	1	
R659	ERJ6ENF3002	M 30KOHM, 1/10W	1	
R660	ERJ6ENF1202	M 12KOHM, 1/10W	1	
R661	EVMAASA00B53	CONTROL 5KOHMB	1	
R662	ERJ6ENF1303	M 130KOHM, 1/10W	1	
R663	ERJ3GEYJ2R2	M 2.2 OHM,J,1/16W	1	
R664	ERJ6ENF9101	M 9.1KOHM, 1/10W	1	
R665	EVMAASA00B23	CONTROL 2KOHMB	1	
R666	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R667,68	ERJ8GEY0R00	M 0 OHM, 1/8W	2	
R669	ERJ6ENF1303	M 130KOHM, 1/10W	1	
R670	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R671	EVMAASA00B14	CONTROL 10KOHMB	1	
R674	ERJ8GEYJ333	M 33KOHM, J,1/8W	1	
R675	ERJ3GEYJ2R2	M 2.2 OHM,J,1/16W	1	
R676	ERJ8GEYJ333	M 33KOHM, J,1/8W	1	
R677	ERJ6GEYJ224	M 220KOHM,J,1/10W	1	
R678	ERJ6GEYJ223	M 22KOHM,J,1/10W	1	
R679,80	ERJ8RQJR39	M0.39 OHM, 1/8W	2	
R681	ERJ6ENF1500	M 150 OHM, 1/10W	1	
R682	ERJ6GEYJ222	M 2.2KOHM,J,1/10W	1	
R683	ERJ6ENF1500	M 150 OHM, 1/10W	1	
R684	ERJ6GEYJ223	M 22KOHM,J,1/10W	1	
R685	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R686	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R687	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R688	ERJ6GEYJ223	M 22KOHM,J,1/10W	1	
R689	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R690	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R691	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R692,93	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	2	
R694	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R695	ERJ6ENF1602	M 16KOHM, 1/10W	1	
R696	ERJ8GEYJ100	M 10 OHM, J,1/8W	1	
R697	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R698	ERJ8RQJR39	M0.39 OHM, 1/8W	1	
R702	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R703,04	ERG2SJ101	M 100 OHM, J, 2W	2	
R706	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R707	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R708	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R712	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R713	ERJ8GEYJ472	M 4.7KOHM, J,1/8W	1	
R901	ERJ6ENF2702	M 27KOHM, 1/10W	1	
R903-06	ERJ8ENF1203	M 12KOHM, 1/8W	4	
R907	ERJ6ENF2702	M 27KOHM, 1/10W	1	
R908	ERJ6GEYJ335	M 3.3MOHM,J,1/10W	1	
R909-11	ERJ6GEYJ106	M 10MOHM,J,1/10W	3	
R912	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R913,14	ERJ6GEYJ102	M 1KOHM,J,1/10W	2	
R915	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R916	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R917	ERJ6GEYJ334	M 330KOHM,J,1/10W	1	
R918	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R920	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R921	ERJ6RBD3092	M30.9KOHM,F,1/10W	1	
R922	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R925	ERJ6GEYJ335	M 3.3MOHM,J,1/10W	1	
R926,27	ERG2DJW224E	M 220KOHM, J, 2W	2	
R928-31	ERJ8ENF1203	M 12KOHM, 1/8W	4	
R932	ERJ6GEYJ105	M 1MOHM,J,1/10W	1	
RL402	TSEH8011	RELAY	1	⚠
RL403	TSE10801	RELAY	1	⚠
S401,02	J0LT00000009	SWITCH	2	⚠
T401	G4D4A0000107	SWITCHING TRANSFORMER	1	
T402	G4D1A0000098	SWITCHING TRANSFORMER	1	⚠
T404	G4D4A0000109	SWITCHING TRANSFORMER	1	⚠
T407	ETQ11K5AZ	CHOKE TRANS	1	⚠
T410	G4D2A0000229	SWITCHING TRANSFORMER	1	⚠
T601	G4D2A0000227	SWITCHING TRANSFORMER	1	
W2	ERDS2TJ391	C 390 OHM, J,1/4W	1	
X501	H2B400400021	CRYSTAL	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
Z1,Z2	K4ZZ01000206	TERMINAL	2	
Z410	TMM7464-2	CLAMPER	1	
Z411	TMME190	CLAMPER	1	
Z412	TMM7443-3	CLAMPER	1	
Z413	TMM7464-2	CLAMPER	1	
Z414	TMME190	CLAMPER	1	
Z420	TMM23417	CLAMPER	1	
Z450-53	EYF52BCY	FUSE HOLDER	4	
ZN401,02	D4EAD6210001	VARISTOR	2	⚠
ZN403	D4EA8511A001	VARISTOR	1	⚠
ZN404	D4EAB681A011	VARISTOR	1	⚠